

P>PēP·PēPSPsPiCḡPēP» **Bḡ**“ C-PSPiC-P±C-C,PSCḡ PḡPḡPḡ. PḡPḡPḡ C”
 PiPḡPiC,PēPrPēP»PrPēPiPḡPiC,PēPrP°P·PsCḡ, CḡPeP° PeP°C,P°P»C-P·CrC”
 PiPḡCḡPḡC,PIPsCḡPḡPSPSCḡ P°PSPiC-PsC,PḡPSP·PēPSCr I Cr
 PIP°P·PsPePsPSCrC,CḡPēPeC,PSCḡPSPēPMḡ PiPḡPiC,PēPr, P°PSPiC-PsC,PḡPSP·PēPS II, CḡPePēPMḡ
 C,P°PePsPḡ CḡC,PēPjCrP»CḡC” CḡPḡPeCḡPḡC†C-Cḡ P°P»CHPrPsCḡC,PḡCḡPsPSCr.
 P†PSPiC-P±CrPIP°PSPSCḡ PḡPḡPḡ PiCḡPēP·PIPsPrPēC,Ch PrPs P·PSPēPḡPḡPSPSCḡ
 PePsPSC†PḡPSC,CḡP°C†C-C— Cr PiP»P°P·PiC- PeCḡPsPIC- P°PSPiC-PsC,PḡPSP·PēPSCr II, C%oPs

$$\text{P}_{\mu}\text{C}\bar{\text{T}}\bar{\text{P}}\bar{\text{e}}\text{C}\bar{\text{T}}\bar{\text{P}}_{\mu}\text{C}\bar{\text{T}}\bar{\text{C}}\bar{\text{T}}\bar{\text{P}}_{\mu}\text{P}\bar{\text{I}}\bar{\text{C}}-\text{P}\bar{\text{N}}_{\bar{\text{e}}}\text{PSP}_{\mu}\bar{\text{P}}\bar{\text{r}}\bar{\text{P}}\bar{\text{s}}\text{C}\bar{\text{T}}\bar{\text{C}},\text{P}^{\circ}\text{C},\text{PSPsC}\bar{\text{T}}\bar{\text{C}},\text{C}-\text{PSP}\bar{\text{e}}\text{C}\bar{\text{T}}\bar{\text{P}}\bar{\text{e}}\bar{\text{P}}\bar{\text{s}}\text{P}\bar{\text{I}}\bar{\text{P}}\bar{\text{e}}\bar{\text{P}}\bar{\text{N}}_{\bar{\text{e}}}\bar{\text{P}}\bar{\text{e}}\bar{\text{P}}\gg\text{C}-\text{C}\bar{\text{T}}\bar{\text{P}}_{\mu}\text{PSC}\bar{\text{T}}\text{P}\gg\text{C}-\text{P}\cdot\bar{\text{P}}\bar{\text{e}}\text{PSPsP}\bar{\text{i}}\text{C}\bar{\text{T}}\bar{\text{P}}\bar{\text{e}}\text{P}\gg\text{C}\bar{\text{r}}\text{P}\cdot\text{PSP}\bar{\text{e}}\bar{\text{P}}\bar{\text{P}}\bar{\text{C}}\bar{\text{r}}\text{C}^{\circ}\text{C},\text{C}\bar{\text{H}}\text{C}\bar{\text{T}}\bar{\text{C}}\bar{\text{C}}.$$

P"»CЦ PIP°C†C-C"»PSC,C-PI P»C-C,PSCHΨPsPiPs PIC-PeCρ C...P°CΨP°PeC,PμCΨPSC- PIPëC%oC-
PePsPSC†PμPSC,CΨP°C†C-C— P»C-P·PëPSPsPiCΨPëP»Cρ Cρ PIP»P°P·PjC- PeCΨPsPIC- C-
P·PSP°C†PμPSPSCЦ PIP»PsC%oC- PiC-Pr PeCΨPëPIPsCΨ B«PePsPSC†PμPSC,CΨP°C†C-CЦ-
C†P°CΓB» (P·P±C-P»CHC€PμPSC- PiCΨPëP±P»PëP·PSPs PSP° 60 %), PSC-P¶ Cρ
PIP°C†C-C"»PSC,C-PI PjPsP»PsPrC€PsPiPs PIC-PeCρ.

РљР»C-PSC-C†PSC- C...P°CΨP°PeC,PμCΨPëCΓC,PëPePë.

PμPsPeP°P·P°PSPSCЦ.

PΨCΨC,PμCΨC-P°P»CHΨPSP° PiC-PiPμCΨC,PμPSP·C-CЦ.

PŸPμCΨC†PμPIP° PSPμPrPsCΓC,P°C,PSC-CΓC,CH (CΓPëPjPiC,PsPjP°C,PëC†PSPμ
P»C-PeCρPIP°PSPSCЦ).

P"»PSCΓC,CΨPëPNë C-PSC,,P°CΨPeC, PjC-PsPeP°CΨPrP° (PePsCΨPsC,PePsC,CΨPëPIP°P»Pμ
P»C-PeCρPIP°PSPSCЦ (6 C,PëP¶PSC-PI) PiPμPjPsPrPëPSP°PjC-C†PSPs CΓC,P°P±C-P»CHΨPSPëC...
PIP°C†C-C"»PSC,C-PI PSPμ PiC-P·PSC-C€Pμ PSC-P¶ C†PμCΨPμP· 24 PiPsPrPëPSPë PiC-CΓP»CЦ
PiPsCΓC,CΨPsPiPs C-PSC,,P°CΨPeC,Cρ PjC-PsPeP°CΨPrP°).

PjCΓPeP»P°PrPSPμPSPSCЦ P· P±PsPeCρ PSPëCΨPsPe PiCΨPë C†CρPeCΨPsPIPsPjCρ
PrC-P°P±PμC,C- (P»C-PeCρPIP°PSPSCЦ P·P°C...PIPsCΨCΨPIP°PSCΨ PSPëCΨPsPe Cρ
PiC-PiPμCΨC,PμPSP·PëPIPsPëC... PIP°C†C-C"»PSC,C-PI C-P· C†CρPeCΨPsPIPsPj PrC-P°P±PμC,PsPj
P†P† C,PëPiCρ C,P° PiPsC†P°C,PePsPIPsCΨ PSPμC,,CΨPsPiP°C,C-C"»CΨ).

PμCΨPsC,PëPiPsPeP°P·P°PSPSCЦ.

PμC-PrPIPëC%oPμPSP° C†CρC,P»PëPIC-CΓC,CH PrPs P»C-P·PëPSPsPiCΨPëP»Cρ, PrPs
C-PSC€PëC... PePsPjPiPsPSPμPSC,C-PI PiCΨPμPiP°CΨP°C,Cρ P°P±Ps PrPs C-PSC€PëC...
C-PSPiC-P±C-C,PsCΨC-PI PΨPμPα.

PΨPSPiC-PsPSPμPICΨPsC,PëC†PSPëPNë PSP°P±CΨCЦPe PI P°PSP°PjPSPμP·C- (Cρ C,PsPjCρ
C†PëCΓP»C- PiC-CΓP»CЦ P·P°CΓC,PsCΓCρPIP°PSPSCЦ C-PSPiC-P±C-C,PsCΨC-PI PΨPμPα,
C-PrC-PsPiP°C,PëC†PSPëPNë C- CΓPiP°PrPePsPIPsPNë PSP°P±CΨCЦPe PљPIC-PSPePμ).

PΨPsCΨC,P°P»CHΨPSPëPNë P°P±Ps PjC-C,CΨP°P»CHΨPSPëPNë CΓC,PμPSPsP· P°P±Ps
PiC-PiPμCΨC,CΨPsC,,C-C†PSP° PeP°CΨPrC-PsPjC-PsPiP°C,C-CЦ P· PIPëCΨP°P¶PμPSPëPjPë
PiPμPjPsPrPëPSP°PjC-C†PSPëPjPë PiPsCΨCρC€PμPSPSCЦPjPë.

P'C-P»P°C,PμCΨP°P»CHΨPSPëPNë CΓC,PμPSPsP· PSPëCΨPePsPIPsC— P°CΨC,PμCΨC-C— P°P±Ps
CΓC,PμPSPsP· P°CΨC,PμCΨC-C— C"»PrPëPSPsC— PSPëCΨPePë; PiPsCΓC,CΨPëPNë
C-PSC,,P°CΨPeC, PjC-PsPeP°CΨPrP° P· PSPμCΓC,P°P±C-P»CHΨPSPsCΨ
PiPμPjPsPrPëPSP°PjC-PePsCΨ; PeP°CΨPrC-PsPiPμPSPSPëPNë C€PsPe; PsPrPSPsC†P°CΓPSPμ
P·P°CΓC,PsCΓCρPIP°PSPSCЦ PiCΨPμPiP°CΨP°C,Cρ C- PIPëCΓPsPePsPiCΨPsPiCρCΓPePSPëC...
PjPμPjP±CΨP°PS P· PiPsP»C-P°PeCΨPëP»PSC-C,CΨPëP»PSP°C,CΨC-CΨ-2-
PjPμC,PëP»P°P»C-P»CΓCρP»CHC,,PsPSP°C,Cρ (PSP°PiCΨPëPeP»P°Pr, AN 96)B PiCΨPë
C,PμCΨPjC-PSPsPIPsPjCρ PrC-P°P»C-P·C-; PIP°C†C-C"»PSC,Pë P· CΨC-PIPsPμPj
PeCΨPμP°C,PëPSC-PSCρ PI CΓPëCΨPsPIPsP°C,C†C- PeCΨPsPIC- ≥ 220 PjPePjPsP»CH/P».

PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†C†PIP°PSPSC‡ P°P»C-C†PeC-C‡PµPSPiPjC-C†PSPëC...
PïC‡PµPïP°C‡P°C,C-PI PïP°C†C-C"°PSC,P°Pj P· C†C†PeC‡PsPïPëPj PrC-P°P±PµC,PsPj P°P±Ps
PïPsC‡C†C†PµPSPSC‡PjPë C,,C†PSPeC†C-PNë PSPëC‡PsPe (PËP¬Pα < 60 PjP»/C...PI/1,73 Pj²).

PµPµC‡PïPëPSPSPëPNë PiC-PïPµC‡P°P»CHPrPsC†C,PµC‡PsPSC-P·Pj.

P'P°PiC-C,PSC- P°P±Ps P¶C-PSPëPë, C‡PeC- PïP»P°PSC†C‡C,CH P·P°PIP°PiC-C,PSC-C,Pë
(PrPëPI. C‡PsP·PrC-P» B«P-P°C†C,PsC†C†PIP°PSPSC‡ C† PïPµC‡C-PsPr PIP°PiC-C,PSPsC†C,C-
P°P±Ps PiPsPrC†PIP°PSPSC‡ PiC‡C†PrPrC‡B»).

PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†C†PIP°PSPSC‡ P·C-
C†P°PeC†P±C-C,C‡PëP»PsPj/PIP°P»C†P°C‡C,P°PSPsPj. P>C-PeC†PIP°PSPSC‡
PïC‡PµPïP°C‡P°C,PsPj P>C-P·PëPSPsPïC‡PëP»-P‡C†C,C‡P°C,,P°C‡Pj PjPsP¶PSP°
PïPsC†PëPSP°C,Pë P»PëC†Pµ C†PµC‡PµP· 36 PiPsPrPëPS PïC-C†P»C‡ PïC‡PëPNëPsPjC†
PsC†C,P°PSPSCHPsC— PrPsP·Pë C†P°PeC†P±C-C,C‡PëP»C†/PIP°P»C†P°C‡C,P°PSC† (PrPëPI.
C‡PsP·PrC-P»Pë B«P'P·P°C"°PjPsPrC-C‡ P· C-PSC†PëPjPë P»C-PeP°C‡C†CHPePëPjPë
P·P°C†PsP±P°PjPë C,P° C-PSC†C- PIPëPrPë PIP·P°C"°PjPsPrC-PNëB» C,P°
B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSC‡B»).

**P'P·P°C"°PjPsPrC-C‡ P· C-PSC†PëPjPë P»C-PeP°C‡C†CHPePëPjPë P·P°C†PsP±P°PjPë C,P°
C-PSC†C- PIPëPrPë PIP·P°C"°PjPsPrC-PNë.**

P"°C-C‡C‡PµC,PëPePë. PµC‡Pë C†C†PïC†C,PSCHPsPjC† P·P°C†C,PsC†C†PIP°PSPSC-
PrC-C†C‡PµC,PëPeC-PI C† PïP°C†C-C"°PSC,C-PI, C‡PeC- PIP¶Pµ PïC‡PëPNëPjP°C‡C,CH
P»C-P·PëPSPsPïC‡PëP», P°PSC,PëPiC-PïPµC‡C,PµPSP·PëPIPSPëPNë PµC,,PµPeC,
P·P°P·PIPëC†P°PNë PïPsC†PëP»C‡C"°C,CHC†C‡. PóP° PïPsC†P°C,PeC†
P·P°C†C,PsC†C†PIP°PSPSC‡ PePsPjP±C-PSP°C†C-C— P»C-P·PëPSPsPïC‡PëP»C† P·
PrC-C†C‡PµC,PëPeP°PjPë PïP°C†C-C"°PSC,Pë PjPsP¶C†C,CH PIC-PrC†C†PIP°C,Pë
PSP°PrPjC-C‡PSPµ P·PSPëP¶PµPSPSC‡ P°C‡C,PµC‡C-P°P»CHPSPsPiPs C,PëC†PeC† PïC‡Pë
P·P°C†C,PsC†C†PIP°PSPSC- P»C-P·PëPSPsPïC‡PëP»C†. P‡PsP¶P»PëPIC-C†C,CH
C‡PsP·PIPëC,PeC† C†PëPjPïC,PsPjP°C,PëC†PSPsC— P°C‡C,PµC‡C-P°P»CHPSPsC—
PiC-PïPsC,PµPSP·C-C— PïC‡Pë P·P°C†C,PsC†C†PIP°PSPSC- P»C-P·PëPSPsPïC‡PëP»C† PjPsP¶Pµ
P±C†C,Pë P·PjPµPSC†PµPSP° C† C‡P°P·C- PïC‡PëPïPëPSPµPSPSC‡ P»C-PeC†PIP°PSPSC‡
PrC-C†C‡PµC,PëPeP°PjPë PïPµC‡PµPr PïPsC†P°C,PePsPj C,PµC‡P°PiC-C—
P»C-P·PëPSPsPïC‡PëP»PsPj C,P° P·P±C-P»CHC†PµPSPSC‡Pj PsP±B‡™ C"°PjC† C‡C-PrPëPSPë
P°P±Ps C†PsP»C-, P° C,P°PePsP¶ P»C-PeC†PIP°PSPSC‡Pj PSP° PïPsC†P°C,PeC†
PSPëP·CHPePëPjPë PrPsP·P°PjPë C-PSPiC-P±C-C,PsC‡C-PI P‡PµPα.

P>C-PeP°C‡C†CHPeC- P·P°C†PsP±Pë, C‡PeC- PïC-PrPIPëC%oC‡C‡C,CH C‡PëP·PëPe
C‡PsP·PIPëC,PeC‡ P°PSPiC-PsPSPµPIC‡PsC,PëC†PSPsPiPs PSP°P±C‡C‡PeC‡.
PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†C†PIP°PSPSC‡ C-PSPiC-P±C-C,PsC‡C-PI P‡PµPα P·C-
C†P°PeC†P±C-C,C‡PëP»PsPj/PIP°P»C†P°C‡C,P°PSPsPj PïC‡PsC,PëPïPsPeP°P·P°PSPµ
C†PµC‡PµP· PïC-PrPIPëC%oPµPSPëPNë C‡PëP·PëPe C‡PsP·PIPëC,PeC†
P°PSPiC-PsPSPµPIC‡PsC,PëC†PSPsPiPs PSP°P±C‡C‡PeC† (PrPëPI. C‡PsP·PrC-P»Pë
B«PµC‡PsC,PëPïPsPeP°P·P°PSPSC‡B» C,P° B«PhC†PsP±P»PëPIPsC†C,C-
P·P°C†C,PsC†C†PIP°PSPSC‡B»).

PhPrPSPsC†P°C†PSPµ P·P°C†C,PsC†C†PIP°PSPSC‡
C-PSPiC-P±C-C,PsC‡C-PI P‡PµPα P· C‡P°C†PµPeP°PrPsC,C‡PëP»PsPj,
C-PSPiC-P±C-C,PsC‡P°PjPë PjC-C†PµPSC- C‡P°PïP°PjC-C†PëPSC† C† C†C†P°PIC†C-PI (mTOR)
(PSP°PïC‡PëPeP»P°Pr, C†PëC‡PsP»C-PjC†C†PsPj, PµPIPµC‡PsP»C-PjC†C†PsPj,
C,PµPjC†PëC‡PsP»C-PjC†C†PsPj) P°P±Ps PIC-P»PrP°PiP»C-PïC,PëPSPsPj PjPsP¶Pµ

РiСҫРёР·РiРµСГҫ,Рё РrPs РiС-РrРiРёС%PµPSPSCҫ СҫРёР·РёРёСҫ СҫPsP·РiРёС,РёСҫ
Р°PSPiC-РsPSPµРiСҫPsC,РёСҫPSPsPiPs PSP°P±СҫРiРёСҫ (РrРёРi. СҫPsP·РrС-Р»
В«РҫСГҫPsP±P»РёРiРsСГҫ,С- Р·Р°СГҫ,РsСГҫСҫРiР°PSPSCҫВ»).

РP°P»C-РNёP·Р±PµСҫC-РiР°СҫCҫ- РrC-СҫСҫPµC,РёРёРё, РёP°P»C-РNёРiРjC-СГҫPSC-
C...P°СҫCҫPSPiC- РrPsP±P°РiРёРё Р°P±Ps СГҫPsP»PµP·Р°РjC-PSPSPёРёРё. РГҫСҫP°
СҫC-РiРµPSCҫ РёP°P»C-Сҫ Рi СГҫРёСҫPsРiР°C,СҫC- РёСҫPsPIC- РiСҫРё РёP»C-PSC-СҫPSPёC...
РrPsСГҫP»C-РrРiРµPSPSCҫC... C-PSPiC-Р±C-С,РsСҫC-Рi РҫРµPα Р·Р°P·РiРёСҫP°P°
Р·Р°P»РёСҫP°РiСГҫСҫ Сҫ РjРµP°P°C... PSPsСҫРjРё, Сҫ РrРµСҫРёРёC... РiР°СҫC-С"РSC,С-Рi
РiСГҫРµ Р° РёРё СҫPsP·РiРёРiР°P»P°СГҫСҫ РiC-РiРµСҫРёР°P»C-С"РjC-Сҫ. Р РёР·РёРё
РiC-РiРµСҫРёР°P»C-С"РjC-С— РiРsРiВҫ™ СҫР·СҫСҫC,Сҫ Р· СҫРёPSPSPёРёР°РjРё, РrPs
СҫРёРёC... PSP°P»PµP°P°C,Сҫ PSPёСҫРёРsРiР°P PSPµРrPsСГҫ,Р°C,РSC-СГҫ,Сҫ,
СҫСҫРёСҫPsРiРёP° РrC-Р°P±PµC, С- РsРrPSPsСҫP°СГҫPSPёP° РiСҫРёРµP°PsРj
РёP°P»C-РNёP·Р±PµСҫC-РiР°СҫCҫРёC... РrC-СҫСҫPµC,РёРёРё-Рi (PSP°РiСҫРёРёРёP»P°Рr,
СГҫРiРёСҫPsPSPsP»P°РёC,РsPS, C,СҫРёР°РjC,РµСҫРµP Р°P±Ps Р°РjiP»PsСҫРёРr), Р°
C,Р°РёРsРµP РёP°P»C-РNёРiРjC-СГҫPSPёC... C...P°СҫCҫPsРiРёC... РrPsP±P°РiРsРё Р°P±Ps
СГҫPsP»PµP·Р°РjC-PSPSPёРёC-Рi.

Р—Р°СГҫ,РsСГҫСҫРiР°PSPSCҫ РёP°P»C-РNёРiРjC-СГҫPSPёC... C...P°СҫCҫPsРiРёC...
РrPsP±P°РiРsРё, РёP°P»C-РNёP·Р±PµСҫC-РiР°СҫCҫРёC... РrC-СҫСҫPµC,РёРёРё-Рi Р°P±Ps
РёP°P»C-РNёРiРjC-СГҫPSPёC... СГҫPsP»PµP·Р°РjC-PSPSPёРёC-Рi РjPsРiРµ РiСҫРёР·РiРёСҫ,Рё
РrPs Р·PSP°СҫPSPsPiPs РiC-РrРiРёСҫ%PµPSPSCҫ СҫC-РiРSCҫ РёP°P»C-Сҫ Рi
СГҫРёСҫPsРiР°C,СҫC- РёСҫPsPIC-, РsСГҫPsP±P»РёРiРs Сҫ РiР°СҫC-С"РSC,С-Рi Р·
РiРsСҫСҫРёРµPµPSPSCҫРj C,,СҫPSPёСҫC— PSPёСҫPsРё. РµC-Рr СҫP°СГҫ РiСҫРёРёP°PsРjСҫ
P»C-Р·РёPSPsРiСҫРёРёP»Сҫ PSP° C,Р»C- РёP°P»C-РNёРiРёРiC-РrPSPёC... РrC-СҫСҫPµC,РёРёРё-Рi
РiC-РiРsРёP°P»C-С"РjC-Сҫ, СГҫРiСҫРёCҫРёPSPµPSP° C—C... РiСҫРёРµP°PsРjPsРj, РjPsРiРµ
Р±СҫC,Рё РiРsСГҫP»P°P±P»PµPSP°.

РКРµPsP±C...C-РrPSPs C,Р°РёРsРµP РiРёСҫРiР»Cҫ,Рё PsP±PµСҫРµP°PSC-СГҫ,Сҫ РiСҫРё
PsРrPSPsСҫP°СГҫPSPsРjСҫ Р·Р°СГҫ,РsСГҫСҫРiР°PSPSC- Р»C-РёP°СҫСГҫСҫРёРsPiPs Р·Р°СГҫPsP±Сҫ
Р»C-Р·РёPSPsРiСҫРёРёP»-РҫСГҫ,СҫР°C,,P°СҫРj Р· C-PSCёРёРjРё Р»C-РёP°СҫСГҫСҫРёРёРjРё
Р·Р°СГҫPsP±P°РjРё, СҫРёC- РiC-РrРiРёСҫ%СҫСҫC,Сҫ СҫC-РiРµPSCҫ РёP°P»C-Сҫ Рi
СГҫРёСҫPsРiР°C,СҫC- РёСҫPsPIC-, C,Р°РёРёРjРё СҫРё C,СҫРёРjРµC,РsРiСҫРёРj C- РёPs-
C,СҫРёРjPsРёСГҫP°·PsP» (C,СҫРёРjРµC,РsРiСҫРёРj/СГҫСҫP»СҫC,,P°РjРµC,РsРёСГҫP°·PsP»),
РsСГҫРёC-Р»СҫРёРё РiC-РrPsРjPs, C°Ps C,СҫРёРjРµC,РsРiСҫРёРj РrC-С" СҫРё
РёP°P»C-РNёP·Р±PµСҫC-РiР°СҫCҫРёP° РrC-СҫСҫPµC,РёРё C,Р°Рё СГҫP°РjPs, СҫРё
Р°РjC-Р»PsСҫРёРr. РҫPsРjСҫ PSPµ СҫРµРsРjРµPSPrСҫC"С,СҫСГҫСҫ РiРsС"РrPSP°PSPSCҫ
РiСҫРµРiР°СҫР°C,Сҫ Р»C-Р·РёPSPsРiСҫРёРёP»-РҫСГҫ,СҫР°C,,P°СҫРj Р·
РiРёСҫ%PµP·Р°P·PSP°СҫPµPSPёРjРё Р»C-РёP°СҫСГҫСҫРёРёРjРё Р·Р°СГҫPsP±P°РjРё. РiРёC°Ps
РiРsРёP°P·Р°PSPµ РsРrPSPsСҫP°СГҫPSPµ Р·Р°СГҫ,РsСГҫСҫРiР°PSPSCҫ C,Р°РёРёC...
РiСҫРµРiР°СҫР°C,С-Рi, Р»C-РёСҫРiР°PSPSCҫ PSPµPsP±C...C-РrPSPs РiСҫPsРiРsРrРёC,Рё Р·
PsP±PµСҫРµP°PSC-СГҫ,Сҫ C,Р° СҫP°СГҫ,Рs РёPsPSC,СҫPsP»СҫРiР°C,Рё СҫC-РiРµPSCҫ
РёP°P»C-Сҫ Рi СГҫРёСҫPsРiР°C,СҫC- РёСҫPsPIC-.

РiРёРёP»PsСГҫРiРsСҫРёРs. РµСҫРё РsРrPSPsСҫP°СГҫPSPsРjСҫ Р·Р°СГҫ,РsСГҫСҫРiР°PSPSC-
C-PSPiC-Р±C-С,РsСҫC-Рi РҫРµPα Р· СҫРёРёP»PsСГҫРiРsСҫРёРsРj РjPsРiРµ
РiРёPSPёРёPSCҫРё,Рё РiC-РiРµСҫРёР°P»C-С"РjC-Сҫ. Р РµРёPsРjРµPSPrСҫC"С,СҫСГҫСҫ
РёPsPSC,СҫPsP»Сҫ РiРjC-СГҫ,Сҫ РёP°P»C-Сҫ Рi СГҫРёСҫPsРiР°C,СҫC- РёСҫPsPIC-.

Р"РµРiР°СҫРёРs. РµСҫРё РsРrPSPsСҫP°СГҫPSPsРjСҫ Р·Р°СГҫ,РsСГҫСҫРiР°PSPSC-

C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ P· PiPḡPḡ°CḡPḡPSPsPj PjPsPḡPḡ PIPḡPSPḡPePSCrC,Pḡ
PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ. P PḡPePsPjPḡPSPPrCrC”C,CHCḡCḡ PePsPSC,CḡPsP»CH
PIPjC-CḡC,Cr PeP°P»C-CH PI CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC-.

P>C-C,C-PMḡ. PḡCḡPḡ PsPrPSPsC†P°CḡPSPsPjCr PiCḡPḡPMḡPsPjC- P»C-C,C-CH C-
C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ PsP±PsCḡPsC,PSPs PiC-PrPIPḡC%ḡCrC”C,CHCḡCḡ
CḡC-PIPḡPSCḡ P»C-C,C-CH PI CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC- C-
CḡPsP·PIPḡPIP°CHC,CHCḡCḡ C,PsPeCḡPḡC†PSC- PḡC,,PḡPeC,Pḡ. P—P°CḡC,PsCḡCrPIP°PSPSCḡ
C,C-P°P·PḡPrPSPḡC... PrC-CrCḡPḡC,PḡPeC-PI PjPsPḡPḡ PiC-PrPIPḡC%ḡCrPIP°C,Pḡ CḡPḡP·PḡPe
P»C-C,C-C”PIPSC— C-PSC,PsPeCḡPḡPeP°C†C-C— C- PiPsCḡPḡP»CHPIP°C,Pḡ C—C—, CḡPeC%ḡPs
PIPSPSP° PIPḡPḡ CḡPiCḡPḡC†PḡPSPḡPSP° PsPrPSPsC†P°CḡPSPḡPj PiCḡPḡPMḡPsPjPsPj
C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ. P—P°CḡC,PsCḡPsPICrPIP°C,Pḡ P»C-P·PḡPSPsPiCḡPḡP»
PsPrPSPsC†P°CḡPSPs P· P»C-C,C-C”Pj PSPḡ CḡPḡPePsPjPḡPSPPrCrC”C,CHCḡCḡ, P°P»Pḡ PI
C,PḡC... PIPḡPiP°PrPeP°C..., PePsP»Pḡ C,P°PePḡ PiPsC”PrPSP°PSPSCḡ PiPsC,CḡC-P±PSPḡ,
CḡP»C-Pr P·PrC-PMḡCḡPSCḡPIP°C,Pḡ CḡPḡC,PḡP»CHPSPḡPMḡ PePsPSC,CḡPsP»CH CḡC-PIPSCḡ
P»C-C,C-CH Cr CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC-.

PḡPḡCḡC,PḡCḡPsC—PrPSC- B PiCḡPsC,PḡP·P°PiP°P»CHPSC- B P·P°CḡPsP±Pḡ B (PḡPḡP—P—),
B PIPḡP»CHC†P°CHC†Pḡ B C- P°C†PḡC,PḡP»CḡP°P»C-C†PḡP»PsPICḡ PePḡCḡP»PsC,Cḡ PI PrPsP·C-
≥ 3 Pi PSP° PrPsP±Cḡ. PḡCḡPḡPIP°P»PḡPMḡ PiCḡPḡPMḡPsPj PḡPḡP—P— PjPsPḡPḡ
PiPsCḡP»P°P±PḡC,Pḡ PiC-PiPsC,PḡPSP·PḡPIPSPḡPMḡ PḡC,,PḡPeC, C-PSPiC-P±C-C,PsCḡC-PI
PḡPḡPḡ. P·C,,PḡPeC,Pḡ PḡPḡP—P— C- C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ PSP°
PiC-PrPIPḡC%ḡPḡPSPSCḡ CḡC-PIPSCḡ PeP°P»C-CH PI CḡPḡCḡPsPIP°C,C†C- PeCḡPsPIC-
PiC-PrCḡCrPjPsPICrCHC,CHCḡCḡ, C%ḡPs PjPsPḡPḡ PiCḡPḡP·PIPḡCḡC,Pḡ PrPs
PiPsCḡCrCḡPḡPSPSCḡ C,,CrPSPeC†C-C— PSPḡCḡPsPe. PiC- PḡC,,PḡPeC,Pḡ P·P°P·PIPḡC†P°PMḡ
PsP±PsCḡPsC,PSC-. P’ PsPeCḡPḡPjPḡC... PIPḡPiP°PrPeP°C... PjPsPḡPḡ
CḡPiPsCḡC,PḡCḡC-PiP°C,PḡCḡCḡ PiPsCḡC,CḡP° PSPḡCḡPePsPIP°
PSPḡPrPsCḡC,P°C,PSC-CḡC,CH, PsCḡPsP±P»PḡIPs PiCḡPḡ PiPsCḡCrCḡPḡPSPSC-
C,,CrPSPeC†C-C— PSPḡCḡPsPe, PSP°PiCḡPḡPeP»P°Pr, PI PsCḡC-P± P»C-C,PSCḡPsPiPs PIC-PeCr
P°P±Ps Cr PiP°C†C-C”PSC,C-PI P·i P·PSPḡPIPSPPrPSPḡPSPSCḡPj PsCḡPiP°PSC-P·PjCr.

PḡCḡPḡPiP°CḡP°C,Pḡ P·PsP»PsC,P°. PḡC-C,CḡPḡC,PsC—PrPSC- CḡPḡP°PeC†C-C—
(CḡPḡPjPiC,PsPjPḡ PIP°P·PsPrPḡP»P°C,P°C†C-C—, PIPḡP»CHC†P°CHC†Pḡ PiCḡPḡPiP°PḡPIPḡ,
PSCrPrPsC,Cr, P·P°PiP°PjPsCḡPsC†PḡPSPSCḡ, P°CḡC,PḡCḡC-P°P»CHPSCr
PiC-PiPsC,PḡPSP·C-CH, CḡPeP° PjPsPḡPḡ P±CrC,Pḡ PrCrPḡPḡ C,CḡPḡPePsCH) PiC-CḡP»Cḡ
C-PSḡḡ”C”PeC†C-C— P·PsP»PsC,P° (PSP°PiCḡPḡPeP»P°Pr, PSP°C,CḡC-CH
P°CrCḡPsC,PḡPsPjP°P»P°C,Cr) PIC-PrP·PSP°C†P°P»PḡCḡCḡ C†P°CḡC,C-CḡPḡ Cr
PiP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPḡPjCrPIP°P»Pḡ P»C-PeCrPIP°PSPSCḡ
C-PSPiC-P±C-C,PsCḡPsPj PḡPḡPḡ.

P†PSCḡC- P°PSC,PḡPiC-PiPḡCḡC,PḡPSP·PḡPIPSC- P·P°CḡPsP±Pḡ (β-
P°PrCḡPḡPSPsP±P»PsPeP°C,PsCḡPḡ, α-P°PrCḡPḡPSPsP±P»PsPeP°C,PsCḡPḡ,
P°PSC,P°PiPsPSC-CḡC,Pḡ PeP°P»CHC†C-CH). PḡCḡPḡ PsPrPSPsC†P°CḡPSPsPjCr
P·P°CḡC,PsCḡCrPIP°PSPSC- P»C-P·PḡPSPsPiCḡPḡP»Cr P· C-PSCḡPḡPjPḡ
P°PSC,PḡPiC-PiPḡCḡC,PḡPSP·PḡPIPSPḡPjPḡ P·P°CḡPsP±P°PjPḡ
CḡPiPsCḡC,PḡCḡC-PiP°C”C,CHCḡCḡ PiPsCḡPḡP»PḡPSPSCḡ PiC-PiPsC,PḡPSP·PḡPIPSPsPiPs
PḡC,,PḡPeC,Cr. PḡPrPSPsC†P°CḡPSPḡPMḡ PiCḡPḡPMḡPsPj PSC-C,CḡPsPiP»C-C†PḡCḡPḡPSCr C,P°
C-PSCḡPḡC... PsCḡPiP°PSC-C†PSPḡC... PSC-C,CḡP°C,C-PI P°P±Ps
PIP°P·PsPrPḡP»P°C,P°C,PsCḡC-PI PjPsPḡPḡ PiPsCḡPḡP»CHPIP°C,Pḡ
PiC-PiPsC,PḡPSP·PḡPIPSPḡPMḡ PḡC,,PḡPeC, P»C-P·PḡPSPsPiCḡPḡP»Cr.

PḡCḡPḡC†PḡPeP»C-C†PSC- P°PSC,PḡPrPḡPiCḡPḡCḡP°PSC,Pḡ, P°PSPḡCḡC,PḡC,PḡPePḡ C-

P°PSC, PëPiCÍPëC...PsC, PëPePë. PµCĤPëPNëPsPj PrPµCĤPëPëC... P°PSPµCÍC, PµC, PëPeC-PI, C, CĤPëC†PëPeP»C-C†PSPëC... P°PSC, PëPrPµPíCĤPµCÍP°PSC, C-PI C- P°PSC, PëPiCÍPëC...PsC, PëC†PSPëC... P·P°CÍPSP±C-PI PSP° C, P»C- C-PSPiC-P±C-C, PsCĤC-PI PĥPµPα PjPsP¶Pµ PíPsCÍPëP»PëC, Pë P°CĤC, PµCĤC-P°P»CHPSCr PíC-PíPsC, PµPSP·C-CĤ.

PŸPëPjPíP°C, PsPjC-PjPµC, PëC†PSC- P»C-PeP°CĤCÍCHPeC- P·P°CÍPSP±Pë. PŸPëPjPíP°C, PsPjC-PjPµC, PëC†PSC- PíCĤPµPíP°CĤP°C, Pë PjPsP¶CÍC, CH P·PSPëP¶CÍPIP°C, Pë P°PSC, PëPiC-PíPµCĤC, PµPSP·PëPIPSPëPNë PµC,, PµPeC, C-PSPiC-P±C-C, PsCĤC-PI PĥPµPα. P— C†C-C”C— PíCĤPëC†PëPSPë PSPµPsP±C...C-PrPSPs P±C-P»CHC€ CĤPµC, PµP»CHPSPs PePsPSC, CĤPsP»CĤPIP°C, Pë P°CĤC, PµCĤC-P°P»CHPSPëPNë C, PëCÍPë PíP°C†C-C”PSC, P°, C%PsP± PICÍC, P°PSPsPIPëC, Pë, C†Pë P±CÍPI PrPsCÍCĤPiPSCrC, PëPNë P±P°P¶P°PSPëPNë C, PµCĤP°PíPµPIC, PëC†PSPëPNë PµC,, PµPeC,.

P”C-PíPsPiP»C-PePµPjC-C†PSC- P·P°CÍPSP±Pë. P·PíC-PrPµPjC-PsP»PsPiC-C†PSC- PrPsCÍP»C-PrP¶PµPSPSCĤ PíPsPeP°P·P°P»Pë, C%Ps PsPrPSPsC†P°CÍPSPëPNë PíCĤPëPNëPsPj C-PSPiC-P±C-C, PsCĤC-PI PĥPµPα C- PíC-PíPsPiP»C-PePµPjC-C†PSPëC... P·P°CÍPSP±C-PI (C-PSCÍCÍP»C-PSC-PI C, P° PíC-PíPsPiP»C-PePµPjC-C†PSPëC... P·P°CÍPSP±C-PI PrP»CĤ P·P°CÍC, PsCÍCÍPIP°PSPSCĤ PIPSCrC, CĤC-C€PSCĤPs) PjPsP¶Pµ PíPsCÍPëP»CĤPIP°C, Pë PrC-CĤ PsCÍC, P°PSPSC-C..., P°P¶ PrPs CĤPsP·PIPëC, PeCÍ PíC-PíPsPiP»C-PePµPjC-C—. P’C-CĤPsPiC-PrPSC-CÍC, CH C, P°PePëC... CĤPIPëC% PsCÍPSP±P»PëPIPs PIPëCÍPSPeP° PIPíCĤPsPrPsPIP¶ PíPµCĤC€PëC... C, PëP¶PSC-PI PsPrPSPsC†P°CÍPSPsPiPs P»C-PeCÍPIP°PSPSCĤ PíP°C†C-C”PSC, C-PI, P° C, P°PePsP¶ PíCĤPë PíPsCĤCÍC€PµPSPSC- C,, CÍPSPeC†C-C— PSPëCĤPsPe.

PĥC†PµC, PëP»CÍP°P»C-C†PëP»PsPIP° PePëCÍP»PsC, P°, C, CĤPsPjP±PsP»C-C, PëPePë, β- P°PrCĤPµPSPsP±P»PsPeP°C, PsCĤPë C, P° PSC-C, CĤP°C, Pë. P·C-P·PëPSPsPíCĤPëP» PjPsP¶PSP° PíCĤPëP·PSP°C†P°C, Pë PsPrPSPsC†P°CÍPSPs P· P°C†PµC, PëP»CÍP°P»C-C†PëP»PsPIPsCĤ PePëCÍP»PsC, PsCĤ (CÍ PrPsP·P°C..., C%Ps P·P°CÍC, PsCÍPSPiCÍCĤC, CHCÍCĤ PI PeP°CĤPrC-PsP»PsPiC-C—), C, CĤPsPjP±PsP»C-C, PëC†PSPëPjPë P·P°CÍPSP±P°PjPë, β- P°PrCĤPµPSPsP±P»PsPeP°C, PsCĤP°PjPë C, P° PSC-C, CĤP°C, P°PjPë.

PµPsPrPIC-PMëPSP° P±P»PsPeP°PrP° CĤPµPSC-PS-P°PSPiC-PsC, PµPSP·PëPS- P°P»CHPrPsCÍC, PµCĤPsPSPsPIPsC— CÍPëCÍC, PµPjPë (P PĥPĥPŸ). PµCĤPsPrPµPjPsPSCÍC, CĤPsPIP°PSPs, C%Ps PíPsPrPIC-PMëPSP° P±P»PsPeP°PrP° P PĥPĥPŸ PíCĤPë CÍCÍPíCÍC, PSCHPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC- C-PSPiC-P±C-C, PsCĤC-PI PĥPµPα, P°PSC, P°PíPsPSC-CÍC, C-PI CĤPµC†PµPíC, PsCĤC-PI P°PSPiC-PsC, PµPSP·PëPSCr P†P† P°P±Ps P°P»C-CÍPeC-CĤPµPSCr C...P°CĤP°PeC, PµCĤPëP·CÍC”C, CHCÍCĤ P±C-P»CHC€PsCĤ C†P°CÍC, PsC, PsCĤ CĤPsP·PIPëC, PeCÍ C, P°PePëC... PíPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë CĤPe P°CĤC, PµCĤC-P°P»CHPSP° PíC-PíPsC, PµPSP·C-CĤ, PíC-PíPµCĤPiP»C-PePµPjC-CĤ, PíPsCĤCÍC€PµPSPSCĤ C,, CÍPSPeC†C-C— PSPëCĤPsPe (CÍ C, PsPjCÍ C†PëCÍP»C- PíPsCÍC, CĤP° PSPëCĤPePsPIP° PSPµPrPsCÍC, P°C, PSC-CÍC, CH) PíPsCĤC-PIPSCLIPSPs C-P· P·P°CÍC, PsCÍCÍPIP°PSPSCĤPj PjPsPSPsC, PµCĤP°PíC-C—.

PĥP»PsPíCáCĤPëPSPsP», C†PëC, PsCÍC, P°C, PëPePë, C-PjCáPSPsPrPµPíCĤPµCÍP°PSC, Pë, PePsCĤC, PëPePsCÍC, PµCĤPsC—PrPë, PíCĤPsPeP°C—PSP°PjC-Pr. PµCĤPë PsPrPSPsC†P°CÍPSPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC- P· P»C-P·PëPSPsPíCĤPëP»PsPj PjPsP¶CÍC, CH CÍPíCĤPëC†PëPSPëC, Pë P»PµPNëPePsPíPµPSC-CĤ.

P·C-PeP°CĤCÍCHPeC- P·P°CÍPSP±Pë, C%Ps PíCĤPëPiPSC-C†CáCĤC, CH C,, CáPSPeC†C-CĤ PeC-CÍC, PePsPIPsPiPs PjPsP·PeCá. PµCĤPë PsPrPSPsC†P°CÍPSPsPjCÍ P·P°CÍC, PsCÍCÍPIP°PSPSC- P· P»C-P·PëPSPsPíCĤPëP»PsPj PíC-PrPIPëC%CÍCĤC, CH CĤPëP·PëPe PIPëPSPëPePSPµPSPSCĤ PSPµPNëC, CĤPsPíPµPSC-C— C, P°/P°P±Ps

$$\begin{aligned} & \text{P}_1\text{P}_m \text{ C, P}^\circ\text{PePsP}^\parallel \text{ C}\dot{\text{r}}\text{C, PsC}\dot{\text{r}}\text{C}\dot{\text{r}}\text{C}''\text{C, CHC}\dot{\text{r}}\text{C}\dot{\text{r}}\text{C} \text{ P}\ddot{\text{r}}\text{P}^\circ\text{C}^\dagger\text{C-C}''\text{PSC, C-PI P}^\cdot \text{ C-C}\epsilon\text{P}_m\text{PjC-C}\ddagger\text{PSPsC}\dot{\text{r}} \\ & \text{C...PIP}\text{sC}\dot{\text{r}}\text{PsP}\pm\text{PsC}\dot{\text{r}} \text{ C}\dot{\text{r}}\text{P}_m\text{C}\dot{\text{r}}\text{C}^\dagger\text{C} \text{ P}^\circ\text{P}\pm\text{Ps P}^\cdot\text{P}^\circ\text{C...PIP}\text{sC}\dot{\text{r}}\text{C}\dot{\text{r}}\text{PIP}^\circ\text{PSPSC}\dot{\text{r}}\text{Pj C}\dot{\text{r}}\text{C}\dot{\text{r}}\text{P}\ddot{\text{r}}\text{P}\ddot{\text{r}}\text{PS} \end{aligned}$$

PjPsP·PeCf, C CIPePec... P·PSP°C±PSPµ P·PSPëP¶PµPSPSC C P°C CµC C-P»CHPSPsPiPs C,PëCfPeCf PjPsP¶Pµ P C CµPëP·PIPµCfC,Pë PrPs C-PSC,,P°C CµPeC,Cf PjC-PsPeP°C CµPrP° P°P±Ps PPsC CµCfCµPµPSPSC C PjPsP·PePsPIPsPiPs PeC CµPsPIPsPsP±C-PiCf.

PJ CµP°P·C- CµPsP·PIPëC,PeCf P°C CµC,PµC CµC-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C— PIP°C C-C”PSC,P° PSPµPsP±C...C-PrPSPs PiPsPeP»P°C CµC,Pë PSP° C f PIPëPSC C- P·P° PSPµPsP±C...C-PrPSPsCfC,C- P·CµPsP±PëC,Pë PIPSCfC,CµC-CëPSCµPsPIPµPSPSPµ PIPIPµPrPµPSPSC CµPsP·C±PëPSCf PSP°C,CµC-C C...P»PsCµPëPrCf.

PŸPePsCµPsPjPëPSCfC%P° PiC-PiPsC,PµPSP·PëPIPSP° CµPµP°PeC C-C CµPSPµ C” P CµPsC,PëPiPsPeP°P·P°PSPSC C Pj PrP»CµPSP°CfC,Cf PIPSPsPiPs P CµPëPµNëPsPjCf P CµPµPIP°CµP°C,Cf. PµC-CfP»CµP PIC-PrPSPsPIP»PµPSPSC PµC,,PµPeC,PëPIPSPsPiPs PsP±B C” C”PjCf PeCµPsPIC- C,P° P·PSPëPePSPµPSPSC C f PePsCµPsPjPëPSCfC%PsC— PiC-PiPsC,PµPSP·PëPIPSPsC— CµPµP°PeC C-C— PjPsP¶PSP° P CµPsPrPsPIP¶PëC,Pë P»C-PeCfPIP°PSPSC C P»C-P·PëPSPsPiCµPëP»PsPj.

PJ PrPµCIPePec... PIP°C C-C”PSC,C-PI C-P· C...CµPsPSC-C±PSPsC C f PµCµC PµPIPsCµ PSPµPrPsCfC,P°C,PSC-CfC,Cµ CIPeC- PjP°CµC,CH PSPsCµPjP°P»CHPSPëPµNë P°P±Ps PSPëP·CHPePëPµNë P°C CµC,PµC CµC-P°P»CHPSPëPµNë C,PëCfPe, PjPsP¶Pµ C fC,P°C,PëCfCµ PrPsPrP°C,PePsPIPµ P·PSPëP¶PµPSPSC C f PëCfC,PµPjPSPsPiPs P°C CµC,PµC CµC-P°P»CHPSPsPiPs C,PëCfPeCf P CµPë P CµPëP·PSP°C±PµPSPSC- P»C-P·PëPSPsPiCµPëP»Cf. P PµPµNë PµC,,PµPeC, PsC C-C-PeCfPIP°PSPëPµNë C- P·P°P·PIPëC±P°PµNë PSPµ C” P CµPëC±PëPSPsCµ PrP»CµP P CµPëPIPëPSPµPSPSC CµC,PµCµP°P C-C—. PµCµPë PIPëPSPëPePSPµPSPSC- C f PëPjPiC,PsPjP°C,PëC±PSPsC— P°C CµC,PµC CµC-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C— PjPsP¶Pµ PIPëPSPëPePSCfC,Pë PSPµPsP±C...C-PrPSC-CfC,CH P·PSPëP¶PµPSPSC C PrPsP·Pë P°P±Ps P CµPëPIPëPSPµPSPSC C P CµPëPµNëPsPjCf P»C-P·PëPSPsPiCµPëP»Cf.

P CµC,PµC CµC-P°P»CHPSP° PiC-PiPsC,PµPSP·C-CµP P CµPë PiPsCfC,CµPsPjC C-PSC,,P°C CµPeC,C- PjC-PsPeP°C CµPrP° C f PIP°C C-C”PSC,C-PI P·C- C fC,P°P±C-P»CHPSPsCµ PiPµPjPsPrPëPSP°PjC-PePsCµ C fP»C-Pr P CµPsPIPsPrPëC,Pë P»C-PeCfPIP°PSPSC C P»C-P·PëPSPsPiCµPëP»PsPj C f PIPµCµC C- 24 PiPsPrPëPSPë PrP»CµP P CµPsC,,C-P»P°PeC,PëPePë PrPëCfC,,CfPSPeC C-C— P»C-PIPsC— PeP°PjPµCµPë C f PµCµC C C- C f PµCµC PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C-, P° C,P°PePsP¶P· PjPµC,PsCµ P·PSPëP¶PµPSPSC C P»PµC,P°P»CHPSPëC... PIPëPIP°PrPeC-PI. PµCµPë PiPsCfC,CµPsPjCf C-PSC,,P°C CµPeC,C- PjC-PsPeP°C CµPrP° PSPµ PjPsP¶PSP° CµPsP·PiPsC±PëPSP°C,Pë P»C-PeCfPIP°PSPSC C P»C-P·PëPSPsPiCµPëP»PsPj, CIPeC%Ps C-C fPSCfC” CµPëP·PëPe PIPëPSPëPePSPµPSPSC C PiPsPrP°P»CHCëPëC... C f PµCµPµNëPsP·PSPëC... PiPµPjPsPrPëPSP°PjC-C±PSPëC... PiPsCµCfCëPµPSCµ PiC-C fP»CµP P»C-PeCfPIP°PSPSC C PIP°P·PsPrPëP»P°C,P°C,PsCµPsPj. P Pµ C fC,PsCfCfC”C,CHC fCµP PIP°C C-C”PSC,C-PI C-P· C fPëCfC,PsP»C-C±PSPëPj P°C CµC,PµC CµC-P°P»CHPSPëPj C,PëCfPePsPj 100 PjPj CµC,, C fC,, C,P° PSPëP¶C±Pµ P°P±Ps PIP°C C-C”PSC,C-PI, C f CIPePec... CµPsP·PIPëPSCfPIC fCµ PeP°CµPrC-PsPiPµPSPSPëPµNë CëPsPe. PµCµPsC,CµPiPsPj PIPµCµCëPëC... 3 PrPSC-PI PiC-C fP»CµP C-PSC,,P°C CµPeC,Cf PjC-PsPeP°C CµPrP° PrPsP·Cf P CµPµPIP°CµP°C,Cf PSPµPsP±C...C-PrPSPs P·PjPµPSCëPëC,Pë, CIPeC%Ps C fPëCfC,PsP»C-C±PSPëPµNë C,PëCfPe PSPµ PiPµCµPµPIPëC%CfC” 120 PjPj CµC,, C fC,, PIPeC%Ps PiPsPeP°P·PSPëPe C fPëCfC,PsP»C-C±PSPsPiPs P°C CµC,PµC CµC-P°P»CHPSPsPiPs C,PëCfPeCf PrPsCµC-PIPS CµC” P°P±Ps PSPëP¶C±Pµ 100 PjPj CµC,, C fC,, PiC-PrC-P±CµP°PSC- PrPsP·Pë PSPµPsP±C...C-PrPSPs P·PjPµPSCëPëC,Pë PrPs 5 PjPi P°P±Ps C,PëPjC±P°C fPsPIPs PrPs 2,5 PjPi. PIPeC%Ps PiC-C fP»CµP P CµPëPµNëPsPjCf P»C-P·PëPSPsPiCµPëP»Cf C f PIPsCfC,PµCµC-PiP°C”C,CHC fCµP P CµPsP»PsPSPIPsPIP°PSP° P°C CµC,PµC CµC-P°P»CHPSP° PiC-PiPsC,PµPSP·C-CµP (C fPëCfC,PsP»C-C±PSPëPµNë C,PëCfPe P·P°P»PëCëP°C”C,CHC fCµP PSPëP¶C±Pµ P·P°

90 PjPj CḡC,.. CḡC,.. PīCḡPsC,CḡPiPsPj P±C-P»CHC€Pμ 1 PiPsPrPēPSPē), PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPēC,Pē P»C-PeCḡPIP°PSPSCḡ P»C-P·PēPSPsPīCḡPēP»PsPj.

Pj PīP°C†C-C''PSC,C-PI P· PiC-PīPsPIPSP»PμPjC-C''Cḡ, PrPμC,,C-C†PēC,PsPj PSP°C,CḡC-Cḡ Cḡ P·PIBḡ™ CḡP·PeCḡ C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PrC-CḡCḡPμC,PēPeC-PI, P±PμP·CḡPsP»CHPsPIPSC— PrC-C''C,Pē, C†PμCḡPμP· P±P»CḡPIP°PSPSCḡ, PrC-P°CḡPμCḡ, PīC-CḡP»Cḡ PrC-P°P»C-P·Cḡ PjPsPḡP»PēPIPēPNḡ CḡPsP·PIPēC,PsPe CḡP°PīC,PsPIPSC— C,CḡPḡPePsC— P°CḡC,PμCḡC-P°P»CHPSPSC— PiC-PīPsC,PμPSP·C-C—, PiPsCḡC,CḡPsC— PSPēCḡPePsPIPSC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-. Pj C,P°PePēC... PIPēPīP°PrPeP°C... PrPsC†C-P»CHPSPs PePsPjPīPμPSCḡCḡPIP°C,Pē PIC,CḡP°C,Pē CḡC-PrPēPSPē C- CḡPsP»PμPNḡ PrPs PīPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ P»C-P·PēPSPsPīCḡPēP»PsPj C,P° P·P°P±PμP·PīPμC†PēC,Pē P°PrPμPePIP°C,PSPēPNḡ PjPμPrPēC†PSPēPNḡ PSP°PiP»CḡPr. P— PsCḡPsP±P»PēPIPsCḡ PsP±PμCḡPμPḡPSC-CḡC,Cḡ (PICḡP°C...PsPICḡCḡC†Pē CḡPīC-PIPIC-PrPSPsC€PμPSPSCḡ PePsCḡPēCḡC,Cḡ/CḡPēP·PēPe) CḡP»C-Pr PīCḡPēP·PSP°C†P°C,Pē PīCḡPμPīP°CḡP°C, C...PIPSCḡPēPj PīC-CḡP»Cḡ PsPīPμCḡP°C†C-C— C,CḡP°PSCḡPīP»P°PSC,P°C†C-C— PSPēCḡPePē, P° C,P°PePsPḡ PīP°C†C-C''PSC,P°Pj C-P· PīPsCḡCḡC€PμPSPSCḡPjPē C,,CḡPSPeC†C-C— PSPēCḡPsPe, PīPμC†C-PSPePē, PīPsCḡCḡC€PμPSPSCḡPjPē PeCḡPsPIPSC,PIPSCḡPμPSPSCḡ, P°CḡC,PsC-PjCḡPSPSPēPjPē P·P°C...PIPSCḡCḡPIP°PSPSCḡPjPē. PjCḡC- PīPμCḡPμCḡP°C...PsPIP°PSC- PīP°C,PsP»PsPiC-C†PSC- CḡC,P°PSPē PīCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC- P»C-P·PēPSPsPīCḡPēP»Cḡ PIPēPjP°PīP°CḡC,Cḡ PIC-PrPīPsPIC-PrPSPsPiPs PjPμPrPēC†PSPsPiPs PSP°PiP»CḡPrCḡ C,P° P»P°P±PsCḡP°C,PsCḡPSPsPiPs PePsPSC,CḡPsP»Cḡ.

PḡPsCḡC,P°P»CHPSPēPNḡ C- PjC-C,CḡP°P»CHPSPēPNḡ
CḡC,PμPSPsP·Pē/PiC-PīPμCḡC,CḡPsC,,C-C†PSP° PeP°CḡPrC-PsPjC-PsPīP°C,C-Cḡ.

PīPe C- C-PSC€C- C-PSPiC-P±C-C,PsCḡPē PḡPμPḡ, P»C-P·PēPSPsPīCḡPēP» CḡP»C-Pr PīCḡPēP·PSP°C†P°C,Pē P· PsP±PμCḡPμPḡPSC-CḡC,Cḡ PīP°C†C-C''PSC,P°Pj P· PjC-C,CḡP°P»CHPSPēPj CḡC,PμPSPsP·PsPj P°P±Ps CḡC,CḡCḡPrPSPμPSPSCḡPj PIPēPePēPrCḡ P· P»C-PIPsPiPs C€P»CḡPSPsC†PeP° (PSP°PīCḡPēPeP»P°Pr, PīCḡPē P°PsCḡC,P°P»CHPSPsPjCḡ CḡC,PμPSPsP·C- P°P±Ps PiC-PīPμCḡC,CḡPsC,,C-C†PSC-PNḡ PeP°CḡPrC-PsPjC-PsPīP°C,C-C—).

PμPsCḡCḡC€PμPSPSCḡ C,,CḡPSPeC†C-C— PSPēCḡPsPe.

PμCḡPē PSPēCḡPePsPIC-PNḡ PSPμPrPsCḡC,P°C,PSPsCḡC,C- (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PēPSC-PSCḡ < 80 PjP»/C...PI), PīPsC†P°C,PePsPIP° PrPsP·P° P»C-P·PēPSPsPīCḡPēP»Cḡ PjP°C'' P±CḡC,Pē PIPēP·PSP°C†PμPSP° P·P°P»PμPḡPSPs PIC-Pr PeP»C-CḡPμPSCḡCḡ PeCḡPμP°C,PēPSC-PSCḡ PīP°C†C-C''PSC,P° (PrPēPI. C,P°P±P»PēC†Cḡ 1), P° PīPsC,C-Pj **ḡḡ** " P·P°P»PμPḡPSPs PIC-Pr CḡPμP°PeC†C-C— PīP°C†C-C''PSC,P° PSP° P»C-PeCḡPIP°PSPSCḡ. P CḡC,PēPSPSPēPNḡ PePsPSC,CḡPsP»CH PeP°P»C-Cḡ C- PeCḡPμP°C,PēPSC-PSCḡ C'' C†P°CḡC,PēPSPsCḡ PSPsCḡPjP°P»CHPSPsC— PjPμPrPēC†PSPsC— PīCḡP°PeC,PēPePē Cḡ C†PēC... PīP°C†C-C''PSC,C-PI.

Pj PīP°C†C-C''PSC,C-PI C-P· CḡPμCḡC†PμPIPSCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ PSP° PīPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡP°PjPē PḡPμPḡ PjPsPḡPμ CḡPīPsCḡC,PμCḡC-PiP°C,PēCḡCḡ PīPsPiC-CḡC€PμPSPSCḡ C,,CḡPSPeC†C-C— PSPēCḡPsPe. Pj C,P°PePēC... CḡPēC,CḡP°C†C-CḡC... PsPīPēCḡP°PSC- PIPēPīP°PrPePē PiPsCḡC,CḡPsC— PSPēCḡPePsPIPSC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-, P·P°P·PIPēC†P°PNḡ PsP±PsCḡPsC,PSPsC—. Pj PrPμCḡPePēC... PīP°C†C-C''PSC,C-PI P·C- P·PICḡPḡPμPSPSCḡPj PsP±PsC... PSPēCḡPePsPIPēC... P°CḡC,PμCḡC-PNḡ P°P±Ps P·C- CḡC,PμPSPsP·PsPj P°CḡC,PμCḡC-C— C''PrPēPSPsC— PSPēCḡPePē C-PSPiC-P±C-C,PsCḡPē PḡPμPḡ PiC-PrPIPēC%oCḡCḡC,Cḡ CḡC-PIPμPSCḡ CḡPμC†PsPIPēPSPē PI PeCḡPsPIC- C- PeCḡPμP°C,PēPSC-PSCḡ PI CḡPēCḡPsPIP°C,C†C-

PeCḡPsPIC-; P·P°P·PIPëC†P°PNë C†C- P·PjC-PSPë PïCḡPsC...PsPrCḡC,CH PïC-CḡP»Cḡ
PïCḡPëPïPëPSPµPSPSCḡ PïCḡPëPNëPsPjCḡ PïCḡPµPïP°CḡP°C,C-PI. P'°C-CḡPsPiC-PrPSC-CḡC,CH
C†CHPsPiPs PsCḡPsP±P»PëPIPs PIPëCḡPsPeP° PïCḡPë PSPëCḡPePsPIC-PNë
PSPµPrPsCḡC,P°C,PSPsCḡC,C-.

PµCḡPë PSP°CḡPIPSPsCḡC,C- CḡPµPSPsPIP°CḡPeCḡP»CḡCḡPSPsC— PiC-PïPµCḡC,PµPSP·C-C—
PIPëCḡPsPePëPNë CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ C,CḡP¶PePsC— P°CḡC,PµCḡC-P°P»CHPsPsC—
PiC-PïPsC,PµPSP·C-C— C- PSPëCḡPePsPIPsC— PSPµPrPsCḡC,P°C,PSPsCḡC,C-. PJ C,P°PePëC...
PïP°C†C-C°PSC,C-PI P»C-PeCḡPIP°PSPSCḡ CḡP»C-Pr CḡPsP·PïPsC†PëPSP°C,Pë PïC-Pr
CḡPµC,PµP»CHPsPëPj PjPµPrPëC†PSPëPj CḡPïPsCḡC,PµCḡPµP¶PµPSPSCḡPj P·PjP°P»PëC...
PrPsP·, CḡPeC- PjP°CḡC,CH P±CḡC,Pë C,PsC†PSPs PïC-PrC-P±CḡP°PSC-. PhCḡPeC-P»CHPePë
PrC-CḡCḡPµC,PëPePë PjPsP¶CḡC,CH PIPSPµCḡC,Pë PIPeP»P°Pr PI PsPïPëCḡP°PSCḡ PIPëC%Pµ
PeP»C-PSC-C†PSCḡ PrPëPSP°PjC-PeCḡ, PIPïCḡPsPrPsPIP¶ PïPµCḡCëPëC... C,PëP¶PSC-PI
P»C-PeCḡPIP°PSPSCḡ P»C-P·PëPSPsPïCḡPëP»PsPj C—C... PïCḡPëPNëPsPj PjP°C° P±CḡC,Pë
PïCḡPëPïPëPSPµPSPëPNë, P° C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe PïPsC,CḡPµP±CḡC°
CḡPµC,PµP»CHPsPsPiPs CḡPïPsCḡC,PµCḡPµP¶PµPSPSCḡ.

PJ PrPµCḡPePëC... C...PIPsCḡPëC... PSP° P°CḡC,PµCḡC-P°P»CHPsCḡ PiC-PïPµCḡC,PµPSP·C-Cḡ
P±PµP· CḡPIPSPsPiPs P·P°C...PIPsCḡCḡPIP°PSPSCḡ CḡCḡPrPëPS PSPëCḡPsPe PïCḡPëPNëPsPj
P»C-P·PëPSPsPïCḡPëP»Cḡ, PsCḡPsP±P»PëPIPs PSP° C,P»C- PrC-CḡCḡPµC,PëPeC-PI,
P·CḡPjPsPIP»CḡC° PïC-PrPIPëC%PµPSPSCḡ CḡC-PIPSḡ CḡPµC†PsPIPëPSPë PI PeCḡPsPIC- C-
PeCḡPµP°C,PëPSC-PSCḡ PI CḡPëCḡPsPIP°C,C†C- PeCḡPsPIC-; C†C- P·PjC-PSPë, CḡPe
PïCḡP°PIPëP»Ps, P±CḡPIP°CḡC,CH PSPµP·PSP°C†PSPëPjPë C- CḡPePsCḡPsPjPëPSCḡC%PëPjPë.
P'°C-CḡPsPiC-PrPSC-CḡC,CH C—C... PIPëPSPëPePSPµPSPSCḡ PIPëC%P° Cḡ C...PIPsCḡPëC... P·
PïPsCḡCḡCḡPµPSPSCḡPj C,,CḡPSPeC†C-C— PSPëCḡPsPe. PJ C,P°PePëC... PIPëPïP°PrPeP°C...
PjPsP¶Pµ PIPëPSPëPePSCḡC,Pë PSPµPsP±C...C-PrPSC-CḡC,CH Cḡ P·PSPëP¶PµPSPSC- PrPsP·Pë
C- PïCḡPëPïPëPSPµPSPSC- PïCḡPëPNëPsPjCḡ PrC-CḡCḡPµC,PëPeP° C- P»C-P·PëPSPsPïCḡPëP»Cḡ.

P>C-PeCḡPIP°PSPSCḡ PiPsCḡC,CḡPsPiPs C-PSC,,P°CḡPeC,Cḡ PjC-PsPeP°CḡPrP°
P»C-P·PëPSPsPïCḡPëP»PsPj PSPµ PïPsPeP°P·P°PSPµ PïP°C†C-C°PSC,P°Pj P· PsP·PSP°PeP°PjPë
PrPëCḡC,,CḡPSPeC†C-C— PSPëCḡPsPe, PïCḡPë CḡPeC-PNë PIC-PrP·PSP°C†P°C°C,CHCḡCḡ
PïC-PrPIPëC%PµPSPëPNë CḡC-PIPSḡ PeCḡPµP°C,PëPSC-PSCḡ Cḡ CḡPëCḡPsPIP°C,C†C-
PeCḡPsPIC- 177 PjPePjPsP»CH/P» C,P°/P°P±Ps PïCḡPsC,PµC—PSCḡCḡC-Cḡ 500 PjPi/PrPsP±Cḡ.
PµCḡPë CḡPsP·PIPëC,PeCḡ PrPëCḡC,,CḡPSPeC†C-C— PSPëCḡPsPe CḡPïCḡPsPrPsPIP¶
C,PµCḡP°PïC-C— P»C-P·PëPSPsPïCḡPëP»PsPj (PePsPSC†PµPSC,CḡP°C†C-Cḡ
PeCḡPµP°C,PëPSC-PSCḡ CḡPëCḡPsPIP°C,PePë PïPµCḡPµPIPëC%CḡC° 265 PjPePjPsP»CH/P»
P°P±Ps CḡPrPIC-C†C- PïC-PrPIPëC%PµPSPëPNë CḡC-PIPSḡ PeCḡPµP°C,PëPSC-PSCḡ Cḡ
CḡPëCḡPsPIP°C,C†C- PeCḡPsPIC- PïPsCḡC-PIPSḡPSPs P· PNëPsPiPs CḡC-PIPSµPj,
PIPëP·PSP°C†PµPSPëPj PrPs PïPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ) PïCḡPëPNëPsPj
PïCḡPµPïP°CḡP°C,Cḡ CḡP»C-Pr PïCḡPëPïPëPSPëC,Pë.

P°°C-PïPµCḡC†CḡC,P»PëPIC-CḡC,CH/P°PSPiC-PsPSPµPICḡPsC,PëC†PSPëPNë PSP°P±CḡCḡPe.
P°°CḡP¶Pµ CḡC-PrPePs PïPsPIC-PrPsPjP»CḡP»PsCḡCḡ PïCḡPs
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPëPNë PSP°P±CḡCḡPe PsP±P»PëC†C†Cḡ, PeC-PSC†C-PIPsPe,
PiCḡP±, CḡP·PëPeP°, PiPsP»PsCḡPsPIPsC— C%°C-P»PëPSPë C,P°/P°P±Ps PiPsCḡC,P°PSC- Cḡ
PïP°C†C-C°PSC,C-PI, CḡPeC- PïCḡPsC...PsPrPëP»Pë P»C-PeCḡPIP°PSPSCḡ
C-PSPiC-P±C-C,PsCḡP°PjPë PhPµPα, Cḡ C,PsPjCḡ C†PëCḡP»C- P»C-P·PëPSPsPïCḡPëP»PsPj.
PhPSPiC-PsPSPµPICḡPsC,PëC†PSPëPNë PSP°P±CḡCḡPe PjPsP¶Pµ PIPëPSPëPePSCḡC,Pë PI
P±CḡPrCH-CḡPePëPNë C†P°Cḡ Cḡ PïPµCḡC-PsPr P»C-PeCḡPIP°PSPSCḡ. PJ C,P°PePëC...
PIPëPïP°PrPeP°C... PïCḡPëPNëPsPj PïCḡPµPïP°CḡP°C,Cḡ PSPµPsP±C...C-PrPSPs
C,PµCḡPjC-PSPsPIPs PïCḡPëPïPëPSPëC,Pë, CḡPsP·PïPsC†P°C,Pë PIC-PrPïPsPIC-PrPSCḡ
C,PµCḡP°PïC-Cḡ C- PICḡC,P°PSPsPIPëC,Pë CḡPïPsCḡC,PµCḡPµP¶PµPSPSCḡ P·P°

ΠῖΠ°C†C-C''PSC,PsPj PrPs P·P°P±PμP·ΠῖPμC‡PμPSPSC‡ ΠῖPsPIPSPsPiPs P·PSPëPePSPμPSPSC‡
C†PëPjPiC,PsPjC-PI. PκP°PIC-C,CH C† PIPëΠῖP°PrPeP°C..., PePsP»Pë PSP°P±C‡C‡Pe
P»PsPeP°P»C-P·PsPIP°PSPs C,C-P»CHPePë PI PrC-P»C‡PSC†C- C‡P·PëPeP° C- PSPμ
ΠῖC‡PëP·PiPsPrPëC,CH PrPs ΠῖPsC‡C†C€PμPSPSC‡ PrPëC...P°PSPSC‡, ΠῖP°C†C-C''PSC,
PjPsP¶Pμ ΠῖPsC,C‡PμP±C†PIP°C,Pë C,C‡PëΠῖP°P»PsPiPs C†PiPsC†C,PμC‡PμP¶PμPSPSC‡,
PsC†PeC-P»CHPePë C,PμC‡P°PiC-C‡ P°PSC,PëPiC-C†C,P°PjC-PSPSPëPjPë P·P°C†PsP±P°PjPë
C,P° PePsC‡C,PëPePsC†C,PμC‡PsC—PrP°PjPë PjPsP¶Pμ PIPëC‡PIPëC,PëC†C‡
PSPμPrPsC†C,P°C,PSCHPsC‡.

P—P°C‡PμC''C†C,C‡PsPIP°PSC- ΠῖPsPsPrPëPSPsPeC- P»PμC,P°P»CHPSC- PIPëΠῖP°PrPePë
PIPSP°C†P»C-PrPsPe P°PSPiC-PsPSPμPIC‡PsC,PëC‡PSPsPiPs PSP°P±C‡C‡PeC† PiPsC‡C,P°PSC-
P°P±Ps C‡P·PëPeP°. ΠῖPeC%Ps PSP°P±C‡C‡Pe ΠῖPsC€PëC‡C‡C''C,CHC†C‡ PSP° C‡P·PëPe,
PiPsP»PsC†PsPIC† C%oC-P»PëPSC† P°P±Ps PiPsC‡C,P°PSC‡, PjPsP¶Pμ
C‡PsP·PIPëPSC†C,PëC†C‡ PsP±C†C,C‡C†PeC,PëPIPSPμ ΠῖPsC‡C†C€PμPSPSC‡
PrPëC...P°PSPSC‡, PsC†PsP±P»PëPiPs C† ΠῖP°C†C-C''PSC,C-PI, C‡PeC- C‡P°PSC-C€Pμ
ΠῖPμC‡PμPSPμC†P»Pë C...C-C‡C†C‡PiC-C‡PSPμ PIC,C‡C†C‡P°PSPSC‡ PSP°
PrPëC...P°P»CHPSPëC... C€P»C‡C...P°C.... PJ C,P°PePëC... PIPëΠῖP°PrPeP°C... C†P»C-Pr
PSPμPiP°PM°PSPs PIP¶PëC,Pë P·P°C...PsPrPë PSPμPIC-PrPeP»P°PrPSPsC— C,PμC‡P°PiC-C—,
C%oPs, P·PsPeC‡PμPjP°, PjPsP¶C†C,CH PIPeP»CHC‡P°C,Pë PIPμPrPμPSPSC‡
P°PrC‡PμPSP°P»C-PSC† C,P°/P°P±Ps P·P°P±PμP·ΠῖPμC‡PμPSPSC‡ ΠῖC‡PsC...C-PrPSPsC†C,C-
PrPëC...P°P»CHPSPëC... C€P»C‡C...C-PI. PμP°C†C-C''PSC, PjP°C'' ΠῖPμC‡PμP±C†PIP°C,Pë ΠῖC-Pr
C‡PμC,PμP»CHPSPëPj PjPμPrPëC‡PSPëPj PSP°PiP»C‡PrPsPj PrPs ΠῖPsPIPSPsPiPs C-
C†C,C-PN°PePsPiPs P·PSPëPePSPμPSPSC‡ C†PëPjPiC,PsPjC-PI.

PJ ΠῖP°C†C-C''PSC,C-PI, C‡PeC- PjP°C‡C,CH PI P°PSP°PjPSPμP·C-
P°PSPiC-PsPSPμPIC‡PsC,PëC‡PSPëPN° PSP°P±C‡C‡Pe, PSPμ ΠῖPsPiB‡™ C‡P·P°PSPëPN° C-P·
P·P°C†C,PsC†C†PIP°PSPSC‡Pj C-PSPiC-P±C-C,PsC‡P° P‡PμPα, PjPsP¶Pμ P±C†C,Pë
PiC-PrPIPëC%oPμPSPëPN° C‡PëP·PëPe C‡PsP·PIPëC,PeC† P°PSPiC-PsPSPμPIC‡PsC,PëC‡PSPsPiPs
PSP°P±C‡C‡PeC† C† PIC-PrΠῖPsPIC-PrCH PSP° P·P°C†C,PsC†C†PIP°PSPSC‡
ΠῖC‡PμΠῖP°C‡P°C,C-PI PrP°PSPsC— ΠῖC‡C†PiPë.

P†PSPiC-P±C-C,PsC‡Pë P‡PμPα PjPsP¶C†C,CH C†PiC‡PëC‡PëPSPëC,Pë P±C-P»CHC€Pμ
PIPëΠῖP°PrPeC-PI P°PSPiC-PsPSPμPIC‡PsC,PëC‡PSPsPiPs PSP°P±C‡C‡PeC† C†
ΠῖP°C†C-C''PSC,C-PI PSPμPiC‡PsC—PrPSPsC— C‡P°C†Pë, PSC-P¶ C† ΠῖP°C†C-C''PSC,C-PI
C''PIC‡PsΠῖPμPsC—PrPSPsC— C‡P°C†Pë.

P‡PrPSPsC‡P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC‡ C-PSPiC-P±C-C,PsC‡C-PI P‡PμPα P·C-
C†P°PeC†P±C-C,C‡PëP»PsPj/PIP°P»C†P°C‡C,P°PSPsPj ΠῖC‡PsC,PëΠῖPsPeP°P·P°PSPμ
C‡PμC‡PμP· ΠῖC-PrPIPëC%oPμPSPëPN° C‡PëP·PëPe C‡PsP·PIPëC,PeC†
P°PSPiC-PsPSPμPIC‡PsC,PëC‡PSPsPiPs PSP°P±C‡C‡PeC†. P>C-PeC†PIP°PSPSC‡
C†P°PeC†P±C-C,C‡PëP»PsPj/PIP°P»C†P°C‡C,P°PSPsPj PjPsP¶PSP° ΠῖPsC‡PëPSP°C,Pë P»PëC€Pμ
C‡PμC‡PμP· 36 ΠῖPsPrPëPS ΠῖC-C†P»C‡ ΠῖC‡PëPN°PsPjC† PsC†C,P°PSPSCHPsC— PrPsP·Pë
P»C-PeP°C‡C†CHPePsPiPs P·P°C†PsP±C† P>C-P·PëPSPsPiC‡PëP»-P‡C†C,C‡P°C,,P°C‡Pj.
P—P°C†C,PsC†C†PIP°PSPSC‡ P»C-PeP°C‡C†CHPePsPiPs P·P°C†PsP±C† P>C-P·PëPSPsPiC‡PëP»-
P‡C†C,C‡P°C,,P°C‡Pj PjPsP¶PSP° ΠῖPsC‡PëPSP°C,Pë P»PëC€Pμ C‡PμC‡PμP· 36 ΠῖPsPrPëPS
ΠῖC-C†P»C‡ ΠῖC‡PëPN°PsPjC† PsC†C,P°PSPSCHPsC— PrPsP·Pë
C†P°PeC†P±C-C,C‡PëP»C†/PIP°P»C†P°C‡C,P°PSC†.

P‡PrPSPsC‡P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC‡ C-PSPiC-P±C-C,PsC‡C-PI P‡PμPα P·
C‡P°C†PμPeP°PrPsC,C‡PëP»PsPj, C-PSPiC-P±C-C,PsC‡P°PjPë mTOR (PSP°ΠῖC‡PëPeP»P°Pr,
C†PëC‡PsP»C-PjC†C†PsPj, PμPIPμC‡PsP»C-PjC†C†PsPj, C,PμPjC†PëC‡PsP»C-PjC†C†PsPj)
P°P±Ps PIC-P»PrP°PiP»C-ΠῖC,PëPSPsPj PjPsP¶Pμ ΠῖC‡PëP·PIPμC†C,Pë PrPs

РiС-РrРiРiРeС%PμPSPSCЦ ЧjРeР·РeРeСr ЧjPsP·РiРeС,РeСr
P°PSPiC-PsPSPμPICЧjPsC,РeC±PSPsPiPs PSp°P±ЧjCЦPeCр (PSP°PiЧjРeРeР»P°Pr,
PSP°P±ЧjCЦPeCр PrРeC...P°P»ЧhPSPeC... CeP»CЦC...C-PI P°P±Ps CЦP·РeРeР° P· P°P±Ps
P±PμP· PīPsЧjCрCεPμPSPSCЦ PrРeC...P°PSPSCЦ) (PrРePi. ЧjPsP·PrC-P» B«P'P·P°C"РjPsPrC-CЦ
P· C-PSCεРeРjРe P»C-РeР°ЧjCГЧhРeРeРjРe P·P°CГPs±P°РjРe C,P° C-PSCεC- РiРePrРe
РiР·P°C"РjPsPrC-PNεB»). PkPμPs±C...C-PrPSPs РiРeCЦPIP»CЦC,Рe PsP±PμЧjPμP¶PSC-CГC,Чh
PSP° PīPsC±P°C,РeCр P·P°CГC,PsCГCрPIP°PSPSCЦ ЧjP°C†PμPeP°PrPsC,ЧjРeР»Cр,
C-PSPiC-P±C-C,PsЧjC-PI mTOR (PSP°PiЧjРeРeР»P°Pr, CГРeЧjPsP»C-РjCрCГCр,
PμPIPμЧjPsP»C-РjCрCГCр, C,PμPjCГРeЧjPsP»C-РjCрCГCр) C- PIC-P»PrP°PiP»C-PiC,РePSCр
PīP°C†C-C"PSC,P°Pj, CЦPeC- РiP¶Pμ PīЧjРePNεPjP°ЧhC,Чh C-PSPiC-P±C-C,PsЧj РhPμPα.

P"РμРjPsPrC-P°P»C-P.

РμЧjРe РiЧjРeР·PSP°C†PμPSPSC- РiЧjPμPīP°ЧjP°C,Cр PI CрРjPsPIP°C... PrC-P°P»C-P·Cр P·
PīPsP»C-P°PeЧjРeР»PIC-PSC-P»PsPīPsЧh РjPμPjP±ЧjP°PSPsЧh РjPsP¶P»РePīPēPNε
ЧjPsP·РiРeC,PsPe P°PSP°C,,C-P»P°PeC,РeC±PSPeC... ЧjPμP°PeC†C-PNε.
P PμPePsРjPμPSPрCрC",ЧhCГCЦ РiРeРePsЧjРeCГC,P°PSPSCЦ РjPμPjP±ЧjP°PS C-PSCεPsPiPs
C,РePīCр PrP»CЦ РiЧjPsPμPrPμPSPSCЦ PrC-P°P»C-P·Cр P°P±Ps P·P°CГC,PsCГCрPIP°PSPSCЦ
P»C-РeР°ЧjCГЧhРeРeC... P·P°CГPs±C-PI C-PSCεРeC... PīЧjCрPī PrP»CЦ
P»C-РeCрPIP°PSPSCЦ PīP°C†C-C"PSC,C-PI P· P°ЧjC,PμЧjC-P°P»ЧhPSPsЧh
PiC-PiPμЧjC,PμPSP·C-C"Чh.

РhPSP°C,,C-P»P°PeC,PsC—PrPSC- ЧjPμP°PeC†C-C— РiЧjРe P>PμPkPμ-P°C,,PμЧjPμP·C-.

PhCГPeC-P»ЧhРeРe РiЧjРe P°C,,PμЧjPμP·C- P>PμPkPμ P· CГCрP»ЧhC,,P°C,PsPj
PrPμPeCГC,ЧjP°PSCр P·P°CГC,PsCГCрPIP°PSPSCЦ C-PSPiC-P±C-C,PsЧjC-PI РhPμPα РjPsP¶Pμ
PīЧjРeР·PIPμCГC,Рe PrPs ЧjPsP·РiРeC,РeCр P°PSP°C,,C-P»P°PeC,РeC±PSPeC...
ЧjPμP°PeC†C-PNε, CЦPeC- РjPsP¶CрC,Чh РiЧjPμPrCГC,P°PIP»CЦC,Рe P·P°PīЧjPsP·Cр PrP»CЦ
P¶PēC,C,CЦ, CГP»C-Pr C,РeРjC±P°CГPsPīPs PIC-PrРjC-PSPeC,Рe C-PSPiC-P±C-C,PsЧjРe РhPμPα
PīPμЧjPμPr PePsP¶PSPēРj P°C,,PμЧjPμP·PsPj.

P"РμCГPμPSCГРeР±C-P»C-P·P°C†C-CЦ.

Pj PīP°C†C-C"PSC,C-PI, CЦPeC- РiЧjРePNεPjP°ЧhC,Чh C-PSPiC-P±C-C,PsЧjРe РhPμPα PīC-Pr
C±P°CГ PrPμCГPμPSCГРeР±C-P»C-P·CрЧhC±PsC— C,PμЧjP°PīC-C— (PSP°PiЧjРeРeР»P°Pr, PrPs
PsC,ЧjCрC,Рe PīPμЧjPμC,РePSC±P°CГC,PsPeЧjРeР»РeC...), ЧjPsP·РiРePIP°ЧhC,ЧhCГCЦ
C,ЧjРePIP°P»C- P°PSP°C,,C-P»P°PeC,PsC—PrPSC- ЧjPμP°PeC†C-C—. PīPeC%Ps C,P°PeC-
PīP°C†C-C"PSC,Рe CрC,ЧjРeРjCрPIP°P»РeCГCЦ PIC-Pr РiЧjРePNεPsPjCр
C-PSPiC-P±C-C,PsЧjC-PI РhPμPα PSP° C±P°CГ PrPμCГPμPSCГРeР±C-P»C-P·P°C†C-C—,
ЧjPμP°PeC†C-PNε PSPμ CГPīPsCГC,PμЧjC-PiP°P»PsCГCЦ, РiЧjPsC,Pμ PIPēPīP°PrPePsPIPμ
PIPIPμPrPμPSPSCЦ РhPμPα РiЧjPsPīPsPeCрPIP°P»Ps P°PSP°C,,C-P»P°PeC,PsC—PrPSCр
ЧjPμP°PeC†C-Чh.

PμPμC±C-PSPePsPIP° PSPμPrPsCГC,P°C,PSC-CГC,Чh.

P— РiЧjРePNεPsPjPsPj C-PSPiC-P±C-C,PsЧjC-PI РhPμPα PīPsPīBh™ CЦP·CрЧhC,Чh
ЧjPsP·РiРeC,PsPe ЧjC-PrPeC-CГPSPsPiPs CГРePSPрЧjPsPjCр, CЦPeРePNε
PīPsC±PēPSP°C"C,ЧhCГCЦ P· C...PsP»PμCГC,P°C,РeC±PSPsC— P¶PsPIC,CЦPSPeC†C- P°P±Ps
PīPμPīP°C,РeC,Cр C- PīPμЧjPμC...PsPrРeC,Чh Cр P±P»РeCГPeP°PIPēC±PSPēPNε PSPμPeЧjPsP·
PīPμC±C-PSPeРe, C-PSPsPrC- P· P»PμC,P°P»ЧhPSPēРj PSP°CГP»C-PrPePsPj. PhPμC...P°PSC-P·Pj
ЧjPsP·РiРeC,РeCр C†ЧhPsPiPs CГРePSPрЧjPsPjCр PSPμP·ЧjPsP·CрРjC-P»РePNε. PīPeC%Ps Cр
PīP°C†C-C"PSC,C-PI, CЦPeC- РiЧjРePNεPjP°ЧhC,Чh P»C-P·РePSPsPīЧjРeР»,

P C-PIPμPSCн PεP°P»C-CH Cз CГPёCHпsPIP°C,C†C- PεCHпsPIC-.
РμPsPIC-PrPsPjP»CΠP»PsCГCΠ PиCHпs PεC-P»CHпPεP° PIPёPиP°PrPεC-PI
PиC-PrPIPёC%оPμPSPSCΠ CHC-PIPSCΠ PεP°P»C-CH Cр CГPёCHпsPIP°C,C†C- PεCHпsPIC-

PIP°CTC-C" PSC, C-PI, CIPeC- PiCTjPsC...PsPrPëP»Pë C, PµCTjP°PiC-CTH
 C-PSPiC-P±C-C, PsCTjP°PjPë PhPµPα, PIPeP»CTHC±P°CTHC±Pë P»C-P·PëPSPsPiCTjPëP».
 PŸPµCTjPµPr PIP°CTC-C" PSC, C-PI, CIPeC- PjP°CTHC, CH PIPëCÍPsPePëPNë CTjPëP·PëPe
 CTjPsP·PIPëC, PeCÍ PiC-PiPµCTjPeP°P»C-C" PjC-C—, C" PIP°CTC-C" PSC, Pë P·PSPëCTjPePsPIPsCTH
 PSPµPrPsCÍC, P°C, PSC-CÍC, CTH, C†CÍPeCTjPsPIPëPj PrC-P°P±PµC, PsPj,
 PiC-PiPsP°P»CHPrPsCÍC, PµCTjPsPSC-P·PjPsPj. P†PSPiC-P±C-C, PsCTjPë PhPµPα PjPsP¶CÍC, CH
 CÍPiCTjPëC±PëPSPëC, Pë PiC-PiPµCTjPeP°P»C-C" PjC-CTH, PsCÍPeC-P»CHPePë PIPsPSPë
 PiCTjPëPiPSC-C†CÍCTH, CH PIPëPIC-P»CHPSPµPSPSCÍ P°P»CHPrPsCÍC, PµCTjPsPSCÍ. P|PµPNë
 PµC,, PµPeC, P·P°P·PIPëC±P°PNë PSPµP·PSP°C±PSPëPNë CÍ PIP°CTC-C" PSC, C-PI P·
 PSPsCTjPjP°P»CHPSPsCTH C,, CÍPSPeC†C-C"CTH PSPëCTjPsPe. PµCTjPsC, Pµ CÍ PIP°CTC-C" PSC, C-PI
 C-P·PiPsCTjCÍC¶PµPSPSCÍPjPë C,, CÍPSPeC†C-C— PSPëCTjPsPe C, P°/P°P±Ps CÍ
 PIP°CTC-C" PSC, C-PI, CIPeC- PiCTjPëPNëPjP°CTHC, CH C...P°CTjC±PsPIC- PrPsP±P°PIPëPë, C%Ps
 PjC-CÍC, CÍC, CH PeP°P»C-PNë (CÍ C, PsPjCÍ C±PëCÍP»C- P·P°PjC-PSPSPëPePë CÍPsP»C-),
 PeP°P»C-PNëP·P±PµCTjC-PiP°CTHC±C- PrC-CÍCTjPµC, PëPePë, C-PSC€C- PiCTjPµPiP°CTjP°C, Pë,
 C%Ps PiC-PrPIPëC%CrCTHC, CH CTjC-PIPµPSCH PeP°P»C-CTH CÍ CÍPëCTjPsPIP°C, C†C-
 PeCTjPsPIC- (PSP°PiCTjPëPeP»P°Pr, PiPµPiP°CTjPëPS, C, CTjPëPjPµC, PsPiCTjPëPj P°P±Ps PePs-
 C, CTjPëPjPsPeCÍP°P·PsP», C, P°PePsP¶ PIC-PrPsPjPëPNë CIPe
 C, CTjPëPjPµC, PsPiCTjPëPj/CÍCÍP»CHC,, P°PjPµC, PsPeCÍP°P·PsP») C- PsCÍPsP±P»PëPIPs
 P°PSC, P°PiPsPSC-CÍC, Pë P°P»CHPrPsCÍC, PµCTjPsPSCÍ P°P±Ps P±P»PsPeP°C, PsCTjPë
 CTjPµC†PµPiC, PsCTjC-PI P°PSPiC-PsC, PµPSP·PëPSCÍ, PjPsP¶Pµ PIPëPSPëPePSCÍC, Pë
 PiC-PiPµCTjPeP°P»C-C" PjC-CÍ. PkPµPsP±C...C-PrPSPs PIPëCÍPIP»CÍC, Pë
 PsP±PµCTjPµP¶PSC-CÍC, CH PiCTjPë P·P°CÍC, PsCÍCÍPIP°PSPSC-
 PeP°P»C-PNëP·P±PµCTjC-PiP°CTHC±PëC... PrC-CÍCTjPµC, PëPeC-PI C- P±P»PsPeP°C, PsCTjC-PI
 CTjPµC†PµPiC, PsCTjC-PI P°PSPiC-PsC, PµPSP·PëPSCÍ PIP°CTC-C" PSC, P°Pj, CIPeC-
 PiCTjPëPNëPjP°CTHC, CH C-PSPiC-P±C-C, PsCTjPë PhPµPα. Pj C, P°PePëC... PIP°CTC-C" PSC, C-PI
 CÍP»C-Pr PePsPSC, CTjPsP»CHPIP°C, Pë CTjC-PIPµPSCH PeP°P»C-CTH PI CÍPëCTjPsPIP°C, C†C-
 PeCTjPsPIC- C, P° C,, CÍPSPeC†C-CTH PSPëCTjPsPe (PrPëPI. CTjPsP·PrC-P» B«P·P°C" PjPsPrC-CÍ P·
 C-PSC€PëPjPë P»C-PeP°CTjCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C, P° C-PSC€C- PIPëPrPë
 PIP·P°C" PjPsPrC-PNëB»).

PİPeC%Ps PsPrPSPsC±P°CÍPSPµ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ PIPëC%PµP·PiP°PrP°PSPëC...
 PiCTjPµPiP°CTjP°C, C-PI P· P»C-P·PëPSPsPiCTjPëP»PsPj PIPIP°P¶P°C"C, CHCÍCÍ P·P°
 PrPsC†C-P»CHPSPµ, CTjPµPePsPjPµPSPrCÍC"C, CHCÍCÍ CTjPµPiCÍP»CÍCTjPSPëPNë
 PePsPSC, CTjPsP»CH CTjC-PIPSCÍ PeP°P»C-CTH CÍ CÍPëCTjPsPIP°C, C†C- PeCTjPsPIC-.

P"C-PiPµCTjPeP°P»C-C" PjC-CÍ.

Pj PrPµCIPePëC... PIP°CTC-C" PSC, C-PI, CIPeC- PiCTjPëPNëPjP°CTHC, CH C-PSPiC-P±C-C, PsCTjPë
 PhPµPα, CÍ C,, C±. P»C-P·PëPSPsPiCTjPëP», CÍPiPsCÍC, PµCTjC-PiP°C"C, CHCÍCÍ
 PiC-PrPIPëC%PµPSPSCÍ CTjC-PIPSCÍ PeP°P»C-CTH PI CÍPëCTjPsPIP°C, C†C- PeCTjPsPIC-. P"Ps
 PiCTjCÍPiPë CTjPëP·PëPeCÍ CTjPsP·PIPëC, PeCÍ PiC-PiPµCTjPeP°P»C-C" PjC-C—
 PIC-PrPSPsCÍCÍC, CHCÍCÍ PIP°CTC-C" PSC, Pë P·PSPëCTjPePsPIPsCTH
 PSPµPrPsCÍC, P°C, PSC-CÍC, CTH P°P±Ps C†CÍPeCTjPsPIPëPj PrC-P°P±PµC, PsPj, CIPeC-
 PiCTjPëPNëPjP°CTHC, CH PeP°P»C-PNëP·P±PµCTjC-PiP°CTHC±C- PrC-CÍCTjPµC, PëPePë, P°P±Ps
 PeP°P»C-PNëPIPjC-CÍPSC- P·P°PjC-PSPSPëPePë CÍPsP»C-, P° C, P°PePsP¶ C, C-
 PIP°CTC-C" PSC, Pë, CIPeC- PiCTjPëPNëPjP°CTHC, CH C-PSC€C- P»C-PeP°CTjCÍCHPeC-
 P·P°CÍPsP±Pë, C%Ps PiC-PrPIPëC%CrCTHC, CH CTjC-PIPµPSCH PeP°P»C-CTH PI
 CÍPëCTjPsPIP°C, C†C- PeCTjPsPIC- (PSP°PiCTjPëPeP»P°Pr, PiPµPiP°CTjPëPS).

PİPeC%Ps PiCTjPëPNëPsPj P·P°P·PSP°C±PµPSPëC... PIPëC%Pµ PiCTjPµPiP°CTjP°C, C-PI PSP°
 C, P»C- P»C-PeCÍPIP°PSPSCÍ C-PSPiC-P±C-C, PsCTjPsPj PhPµPα PIPëP·PSP°C"C, CHCÍCÍ
 PSPµPsP±C...C-PrPSPëPj, CTjPµPePsPjPµPSPrCÍC"C, CHCÍCÍ CTjPµPiCÍP»CÍCTjPSPëPNë

PePsPSC,CTjPsP»CH CjC-PIPsCj PeP°P»C-CH PI CÍPëCTjPsPIP°C,C†C- PeCTjPsPIC-.

PμP°C†C-C''PSC,Pë, C...PIPsCTjC-B PSP° C†C¿PeCTjPsPIPëPNë PrC-P°P±PμC,,.

PμP°C†C-C''PSC,P°Pj, C...PIPsCTjPëPj PSP° C†CÍPeCTjPsPIPëPNë PrC-P°P±PμC,, CjPeC-
PíCTjPëPNëPjP°CTC,CH PiC-PíPsPiP»C-PePμPjC-C†PSC- P·P°CÍPsP±Pë P°P±Ps C-PSCÍC†P»C-PS,
PSPμPsP±C...C-PrPSPs CTjPμC,PμP»CHPSPs PePsPSC,CTjPsP»CTHPIP°C,Pë CTjC-PIPμPSCH
PiP»CTHPePsP·Pë PI PeCTjPsPIC- C†PíCTjPsPrPsPIP¶ PíPμCTjCëPsPiPs PjC-CÍCjC†Cj
P»C-PeC†PIP°PSPSCj C-PSPiC-P±C-C,PSCjPsPj PhPμPα.

P>C-C,C-PNë.

P—P°P·PIPëC†P°PNë PSPμ CTjPμPePsPjPμPSPrC†C''C,CHCÍCj PíPsC''PrPSC†PIP°C,Pë
PíCTjPëPNëPsPj P»C-C,C-CH C- P»C-P·PëPSPsPíCTjPëP»C†.

P P°CÍPsPIP° PíCTjPëPSP°P»PμP¶PSC-CÍC,CH.

P†PSPiC-P±C-C,PSCjPë PhPμPα C†P°CÍC,C-CëPμ CÍPíCTjPëC†PëPSCjCTC,CH
CTjPsP·PIPëC,PsPe P°PSPiC-PsPSPμPICCTjPsC,PëC†PSPsPiPs PSP°P±CTjCjPeC† C†
PíP°C†C-C''PSC,C-PI PSPμPiCTjPsC—PrPSPsC— CTjP°CÍPë PíPsCTjC-PIPsCjPSPs P·
PíP°C†C-C''PSC,P°PjPë C-PSCëPsC— CTjP°CÍPsPiPsC— PíCTjPëPSP°P»PμP¶PSPsCÍC,C-. PíPe C-
C-PSCëC- C-PSPiC-P±C-C,PSCjPë PhPμPα, P»C-P·PëPSPsPíCTjPëP» PjPsP¶Pμ P±C†C,Pë
PjPμPSCë PμC,,PμPeC,PëPIPsPëPj C† P·PSPëP¶PμPSPSC- P°CTjC,PμCTjC-P°P»CHPSPsPiPs
C,PëCÍPeC† C† C†PsCTjPSPsCëPeC-CTjPëC... PíP°C†C-C''PSC,C-PI PíPsCTjC-PIPsCjPSPs P·
PsCÍPsP±P°PjPë C-PSCëPëC... CTjP°CÍ, PjPsP¶P»PëPIPs, PIPSP°CÍP»C-PrPsPe PIPëC%PsC—
C†P°CÍC,PsC,Pë PsCÍC-P± P· PSPëP·CHPePëPj CTjC-PIPsPμPj CTjPμPSC-PSC† PI
PíPsPíC†P»CjC†C-C— C†PsCTjPSPsCëPeC-CTjPëC... PíP°C†C-C''PSC,C-PI P·
P°CTjC,PμCTjC-P°P»CHPSPsCT PiC-PíPμCTjC,PμPSP·C-C''CT.

PμPμCTjPIPëPSPSPëPNë PiC-PíPμCTjP°P»CHPrPsCÍC,PμCTjPsPSC-P·Pj.

Pj PíP°C†C-C''PSC,C-PI, CjPeC- CÍC,CTjP°P¶PrP°CTC,CH PSP° PíPμCTjPIPëPSPSPëPNë
P°P»CHPrPsCÍC,PμCTjPsPSC-P·Pj, C-PSPiC-P±C-C,PSCjPë PhPμPα PSPμPμC,,PμPeC,PëPIPsC-,
C,PsPjC† P·P°CÍC,PsCÍC†PIP°PSPSCj P»C-P·PëPSPsPíCTjPëP»C† PSPμ
CTjPμPePsPjPμPSPrC†C''C,CHCÍCj.

PμPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PhPjPŸ.

PμPsPIC-PrPsPjP»CjP»PsCÍCj, C%Ps CÍC†PíC†C,PSC'' P·P°CÍC,PsCÍC†PIP°PSPSCj
C-PSPiC-P±C-C,PSCjC-PI PhPμPα, P±P»PsPeP°C,PsCTjC-PI CTjPμC†PμPíC,PsCTjC-PI
P°PSPiC-PsC,PμPSP·PëPSC† P†P† C†Pë P°P»C-CÍPeC-CTjPμPSC† PiC-PrPIPëC%CrC'' CTjPëP·PëPe
CTjPsP·PIPëC,PeC† P°CTjC,PμCTjC-P°P»CHPSPsC— PiC-PíPsC,PμPSP·C-C—,
PiC-PíPμCTjPeP°P»C-C''PjC-C—, PíPsCTjC†CëPμPSPSCj C,,C†PSPeC†C-C— PSPëCTjPsPe (C†
C,PsPjC† C†PëCÍP»C- PíPsCÍC,CTjPsC— PSPëCTjPePsPiPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-).
PŸP°PePëPj C†PëPSPsPj PíPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PhPjPŸ CëP»CjC...PsPj
CÍC†PíC†C,PSCHPsPiPs P·P°CÍC,PsCÍC†PIP°PSPSCj C-PSPiC-P±C-C,PSCjC-PI PhPμPα,
P±P»PsPeP°C,PsCTjC-PI CTjPμC†PμPíC,PsCTjC-PI P°PSPiC-PsC,PμPSP·PëPSC† P†P† C†Pë
P°P»C-CÍPeC-CTjPμPSC† PSPμ CTjPμPePsPjPμPSPrPsPIP°PSP°.

PJ CḡP°P·C- P°P±CÍPsP»CḡC,PSPsC— PSPµPsP±C...C-PrPSPsCÍC,C- CÍ
P·P°CÍC,PscÍCÍPIP°PSPSC- C,PµCḡP°PíC-C— PíPsPrPIC-PM̄PSPsC— P±P»PsPeP°PrPë C—C—
CÍP»C-Pr P·PrC-PM̄CÍPSCḡPIP°C,Pë PíC-Pr PSP°PíP»CÍPrPsPj C,,P°C...C-PIC†CÍ C,P°
CḡPµPíCÍP»CÍCḡPSPs PíPµCḡPµPIC-CḡCÍC,Pë C,,CÍPSPeC†C-Cḡ PSPëCḡPsPe, CḡC-PIPSC-
PµP»PµPeC,CḡPsP»C-C,C-PI C,P° P°CḡC,PµCḡC-P°P»CḡPSPsPíPs C,PëCÍPeCÍ.
PµP°C†C-C”PSC,P°Pj P· PrC-P°P±PµC,PëC†PSPsCḡ PSPµC,,CḡPsPíP°C,C-C”Cḡ PSPµ
CḡPµPePsPjPµPSPrCÍC”C,CḡCÍCÍ PsPrPSPsC†P°CÍPSPs P·P°CÍC,PscÍPsPICÍPIP°C,Pë
C-PSPiC-P±C-C,PscḡPë PḡPµPḡ C,P° P±P»PsPeP°C,PscḡPë CḡPµC†PµPíC,PscḡC-PI
P°PSPiC-PsC,PµPSP·PëPSCÍ P†P†.

PµCḡPsC,PµC—PSC¿CḡC-CÍ. PµPsPIC-PrPsPjP»CÍP»PscÍCÍ PíCḡPs PíPsPsPrPëPSPsPeC-
PIPëPíP°PrPePë CḡPsP·PIPëC,PeCÍ PíCḡPsC,PµC—PSCÍCḡC-C— CÍ PíP°C†C-C”PSC,C-PI,
PscÍPsP±P»PëPIPs P·C- P·PSPëP¶PµPSPsCḡ C,,CÍPSPeC†C-C”Cḡ PSPëCḡPsPe P°P±Ps
PíC-CÍP»CÍ PíCḡPëPM̄PsPjCÍ PIPëCÍPsPePëC... PrPsP· P»C-P·PëPSPsPíCḡPëP»CÍ. PJ CḡP°P·C-
PeP»C-PSC-C†PSPs P·PSP°C†CÍC%PsC— PíCḡPsC,PµC—PSCÍCḡC-C— (PíPsPSP°Pr
1 Pí/PrPsP±CÍ) P»C-P·PëPSPsPíCḡPëP» CÍP»C-Pr P·P°CÍC,PscÍPsPICÍPIP°C,Pë C,C-P»CḡPePë
PíC-CÍP»CÍ Psc†C-PSPePë C,PµCḡP°PíPµPIC,PëC†PSPsC— PePsCḡPëCÍC,C- C,P°
PíPsC,PµPSC†C-PM̄PSPsPíPs CḡPëP·PëPeCÍ C- PíCḡPë PíPsCÍC,C-PM̄PSPsPjCÍ
PePsPSC,CḡPsP»C- PeP»C-PSC-C†PSPëC... C,P° P±C-PsC...C-PjC-C†PSPëC...
PíPsPeP°P·PSPëPeC-PI.

PµCḡPµPíP°CḡP°C, PjC-CÍC,PëC,Cḡ PjP°PSC-C,, CÍPePëPM̄ PjPsP¶Pµ CÍPíCḡPëC†PëPSPëC,Pë
PjBḡ™ CÍPeCÍ PíCḡPsPSPsCÍPSCÍ PrC-Cḡ.

*P—P°CÍC,PscÍC¿PIP°PSPSCÍ C¿ PíPµCḡC-PsPr PIP°PíC-C,PSPsCÍC,C- P°P±Ps
PíPsPrC¿PIP°PSPSCÍ PíCḡC¿PrPrCḡ.*

P’P°PíC-C,PSC-CÍC,Cḡ. P»C-PeP°CḡCÍCḡPePëPM̄ P·P°CÍC-P± PíCḡPsC,PëPíPsPeP°P·P°PSPëPM̄
PrP»CÍ P·P°CÍC,PscÍCÍPIP°PSPSCÍ PIP°PíC-C,PSPëPj C,P° P¶C-PSPeP°Pj, CÍPeC-
PíP»P°PSCÍCḡC,Cḡ PIP°PíC-C,PSC-CÍC,Cḡ. PíPeC%Ps PíC-Pr C†P°CÍ
P·P°CÍC,PscÍCÍPIP°PSPSCÍ PrP°PSPsPíPs P»C-PeP°CḡCÍCḡPePsPíPs P·P°CÍPsP±CÍ
PíC-PrC,PIPµCḡPrP¶CÍC”C,CḡCÍCÍ PIP°PíC-C,PSC-CÍC,Cḡ, PM̄PsPíPs
P·P°CÍC,PscÍCÍPIP°PSPSCÍ CÍP»C-Pr PSPµPíP°PM̄PSPs PíCḡPëPíPëPSPëC,Pë C-, CÍPeC%Ps
PSPµPsP±C...C-PrPSPs, P·P°PjC-PSPëC,Pë C-PSC€PëPj P»C-PeP°CḡCÍCḡPePëPj P·P°CÍPsP±PsPj,
PrPsP·PIPsP»PµPSPëPj PrPs P·P°CÍC,PscÍCÍPIP°PSPSCÍ PIP°PíC-C,PSPëPj.

P’C-PrPsPjPs, C%Ps C,CḡPëPIP°P»PëPM̄ PIPíP»PëPI C-PSPiC-P±C-C,PscḡC-PI PḡPµPḡ PíC-Pr
C†P°CÍ P†P† C,P° P†P†P† C,CḡPëPjPµCÍC,CḡC-PI PIP°PíC-C,PSPsCÍC,C- CÍC,PëPjCÍP»CḡC”
PíPsCÍPICÍ C,,PµC,Psc,PscPëCÍPëC†PSPsCÍC,C- (P·PSPëP¶PµPSPSCÍ PSPëCḡPePsPIPsC—
C,,CÍPSPeC†C-C—, PjP°P»PsPIPsPrPrCÍ, P·P°C,CḡPëPjPeCÍ PsPePsCÍC,PµPSC-PSPSCÍ
C†PµCḡPµPíP°) C,P° PSPµPsPSP°C,P°P»CḡPSPsC— C,PscPëCÍPëC†PSPsCÍC,C- (PSPëCḡPePsPIP°
PSPµPrPsCÍC,P°C,PSC-CÍC,Cḡ, P°CḡC,PµCḡC-P°P»CḡPSP° PíC-PíPsC,PµPSP·C-CÍ,
PíC-PíPµCḡPeP°P»C-C”PjC-CÍ). PJ CḡP°P·C- PIPíP»PëPICÍ C-PSPiC-P±C-C,PscḡC-PI PḡPµPḡ
PíC-Pr C†P°CÍ P†P† C,CḡPëPjPµCÍC,CḡCÍ PIP°PíC-C,PSPsCÍC,C-
CḡPµPePsPjPµPSPrCÍC”C,CḡCÍCÍ PePsPSC,CḡPsP»CḡPIP°C,Pë C,,CÍPSPeC†C-Cḡ PSPëCḡPsPe
C- PeC-CÍC,PePë C†PµCḡPµPíP° P·P° PrPsPíPsPjPsPíPsCḡ PJP—P”.

PḡPµPjPsPIP»CÍC,, PjP°C,PµCḡC- CÍPePëC... PíCḡPëPM̄PjP°P»Pë P»C-P·PëPSPsPíCḡPëP»,
CÍP»C-Pr CḡPµC,PµP»CḡPSPs PíPµCḡPµPIC-CḡCÍC,Pë PSP° PSP°CÍPIPSC-CÍC,Cḡ
P°CḡC,PµCḡC-P°P»CḡPSPsC— PíC-PíPsC,PµPSP·C-C—, PsP»C-PíCÍCḡC-C— C,P°

PiC-PiPμCḡPeP°P»C-C”PjC-C—.

P”PsPrCáPIP°PSPSCḡ PiCḡCáPrPrCḡ. PhCíPeC-P»CHPePë C-PSC,,PsCḡPjP°C†C-Cḡ C%PsPrPs PjPsPḡP»PëPIPsCíC,C- P·P°CíC,PsCíCíPIP°PSPSCḡ P»C-P·PëPSPsPiCḡPëP»Cí PiC-Pr C†P°Cí PiPsPrCíPIP°PSPSCḡ PiCḡCíPrPrCḡ PIC-PrCíCíC,PSCḡ, PiCḡPëPNëPsPj P»C-P·PëPSPsPiCḡPëP»Cí PiC-Pr C†P°Cí PiPsPrCíPIP°PSPSCḡ PiCḡCíPrPrCḡ PSPμ CḡPμPePsPjPμPSPPrCíC”C,CHCíCḡ. Pj C†PμPNë PiPμCḡC-PsPr P±P°PḡP°PSPs P·P°CíC,PsCíPsPICíPIP°C,Pë P°P»CHC,PμCḡPSP°C,PëPIPsPμ P»C-PeCíPIP°PSPSCḡ, PiCḡPsC,,C-P»CH P±PμP·PiPμPePë CḡPePsPiPs PeCḡP°C%Pμ PIPëPIC†PμPSPëPNë, PsCíPsP±P»PëPIPs CḡPeC%Ps PIPëPiPsPrPsPICíCḡC,CH PSPsPIPsPSP°CḡPsPrPḡPμPSCí P°P±Ps PSPμPrPsPSPsCëPμPSCí PrPëC,PëPSCí.

P—PrP°C,PSC-CíC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CíC,CH CḡPμP°PeC†C-C— PiCḡPë PePμCḡCáPIP°PSPSC- P°PIC,PsC,CḡP°PSCíPiPsCḡC,PsPj P°P±Ps C-PSCëPëPjPë PjPμC...P°PSC-P·PjP°PjPë.

P·CḡP°C...PsPICíCḡC†Pë PjPsPḡP»PëPIC-CíC,CH PIPëPSPëPePSPμPSPSCḡ P·P°PiP°PjPsCḡPsC†PμPSPSCḡ C,P° CḡPsP·PIPëC,PeCí PIC,PsPjP»CḡPIP°PSPsCíC,C-, P»C-P·PëPSPsPiCḡPëP» PjPsPḡPμ PIPiP»PëPSCíC,Pë PSP° P·PrP°C,PSC-CíC,CH PePμCḡCíPIP°C,Pë P°PIC,PsC,CḡP°PSCíPiPsCḡC,PsPj C,P° PiCḡP°C†CḡPIP°C,Pë P· C-PSCëPëPjPë PjPμC...P°PSC-P·PjP°PjPë, PsCíPsP±P»PëPIPs PSP° PiPsC†P°C,PeCí P»C-PeCíPIP°PSPSCḡ. PýPsPjCí CíP»C-Pr CíC,CḡPëPjP°C,PëCíCḡ PIC-Pr PePμCḡCíPIP°PSPSCḡ P°PIC,PsC,CḡP°PSCíPiPsCḡC,PsPj C,P° CḡPsP±PsC,Pë P· C-PSCëPëPjPë PjPμC...P°PSC-P·PjP°PjPë PrPs PICíC,P°PSPsPIP»PμPSPSCḡ C-PSPPrPëPIC-PrCíP°P»CHPSPsC— CḡPμP°PeC†C-C— PSP° PiCḡPμPiP°CḡP°C,.

PýPiPsCíC-P± P·P°CíC,PsCíCáPIP°PSPSCḡ C,P° PrPsP·Pë.

PýP°P±P»PμC,PePë PiCḡPëPNëPjP°CḡC,CH PIPSCíC,CḡC-CëPSCḡPs 1 CḡP°P· PSP° PrPsP±Cí, P±P°PḡP°PSPs PI PsPrPëPS C- C,PsPNë PḡPμ CíP°PjPëPNë C†P°Cí, PSPμP·P°P»PμPḡPSPs PIC-Pr PiCḡPëPNëPsPjCí C—PḡC-. P”PsP±PsPICí PrPsP·Cí PiC-PrP±PëCḡP°CḡC,CH C-PSPPrPëPIC-PrCíP°P»CHPSPs P·P°P»PμPḡPSPs PIC-Pr CḡPμP°PeC†C-C— PiP°C†C-C”PSC,P° C,P° PiPsPeP°P·PSPëPeC-PI P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëCíPeCí.

PḡCḡC,PμCḡC-P°P»CHPSP° PiC-PiPμCḡC,PμPSP·C-Cḡ.

PμCḡPμPiP°CḡP°C, P·P°CíC,PsCíPsPICíCḡC,CH CḡPe PjPsPSPsC,PμCḡP°PiC-Cḡ P°P±Ps Cí PePsPjP±C-PSP°C†C-C— P· C-PSCëPëPjPë PeP»P°CíP°PjPë P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPsPëC... P·P°CíPsP±C-PI.

PμPsC†P°C,PePsPIP° PrPsP·P°.

PμCḡPë P°CḡC,PμCḡC-P°P»CHPSC-PNë PiC-PiPμCḡC,PμPSP·C-C— CḡPμPePsPjPμPSPPrPsPIP°PSP° PiPsC†P°C,PePsPIP° PrPsP·P° CíC,P°PSPsPIPëC,CH 10 PjPi PSP° PrPsP±Cí. Pj PiP°C†C-C”PSC,C-PI P· PiC-PrPIPëC%PμPSPsCḡ P°PeC,PëPIPsC-CíC,Cḡ CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS-P°P»CHPrPsCíC,PμCḡPsPSPsPIPsC— CíPëCíC,PμPjPë (P·PsPeCḡPμPjP° PiCḡPë CḡPμPSPsPIP°CíPeCíP»CḡCḡPSiPNë PiC-PiPμCḡC,PμPSP·C-C—, PSP°PrPjC-CḡPSPsPjCí PIPëPIPsPrPμPSPSC- PSP°C,CḡC-Cḡ C...P»PsCḡPëPrCí P·

PsC₇PiP°PSC-P·PjC₇ C,P°/P°P±Ps PrPμPiC-PrC₇P°C,P°C†C-C—, C₇PμC₇C†PμPIPsC—
PrPμPePsPjPiPμPSC₇P°C†C-C—, P°P±Ps C₇PēP»CH₇PSPs PIPēC₇P°P¶PμPSPsC—
P°C₇C,PμC₇C-P°P»CH₇PSPsC— PiC-PiPμC₇C,PμPSP·C-C—), PjPsP¶Pμ C₇C,P°C,PēC₇C¶
PSP°PrPjC-C₇PSPμ P·PSPēP¶PμPSPSC¶ P°C₇C,PμC₇C-P°P»CH₇PSPsPiPs C,PēC₇PeC₇
PiC-C₇P»C¶ PiPsC†P°C,PePsPIPsC— PrPsP·Pē. PJ C†PēC... PiP°C†C-C°PSC,C-PI
C₇PμPePsPjPμPSPPrPsPIP°PSP° PiPsC†P°C,PePsPIP° PrPsP·P° C₇C,P°PSPsPIPēC,CH₇ 2,5-5 PjPi C-
PiPsC†P°C,PsPe P»C-PeC₇PIP°PSPSC¶ PjP°C° PIC-PrP±C₇PIP°C,PēC₇C¶ PiC-Pr
PSP°PiP»C¶PrPsPj P»C-PeP°C₇C¶.

P°P»C¶ PsC,C₇PēPjP°PSPSC¶ PrPsP·Pē 2,5 PjPi P·P°C₇C,PsC₇C₇PIP°C,Pē PiC₇PμPiP°C₇P°C, P·
PIC-PrPiPsPIC-PrPSPēPj PIPjC-C₇C,PsPj PrC-C₇C†PsC— C₇PμC†PsPIPēPSPē.

P°P»C¶ PiP°C†C-C°PSC,C-PI P· PSPēC₇PePsPIPsC₇ PSPμPrPsC₇C,P°C,PSC-C₇C,C₇ PrPsP·C₇
PSPμPsP±C...C-PrPSPs P·PjPμPSCēPēC,Pē (PrPēPI. C,P°P±P»PēC†C₇ 1).

PμC-PrC,C₇PēPjC₇C†C†P° PrPsP·P°.

P—PIPēC†P°PN₇PSP° PμC,,PμPeC,PēPIPsP° PiC-PrC,C₇PēPjC₇C†C†P° PrPsP·P°
C₇C,P°PSPsPIPēC,CH₇ 20 PjPi 1 C₇P°P· PSP° PrPsP±C₇. P₇PeC%₀₀Ps PiC₇PμPiP°C₇P°C, C₇
PIPēP°P·P°PSC-PN₇ PrPsP·C- PSPμ P·P°P±PμP·PiPμC†C₇C° PSP°P»PμP¶PSPsPiPs
C,PμC₇P°PiPμPIC,PēC†PSPsPiPs PμC,,PμPeC,C₇ PiC₇PsC,C¶PiPsPj 2-4 C,PēP¶PSC-PI, PrPsP·C₇
PjPsP¶PSP° C- PSP°PrP°P»C- P·P±C-P»CH₇CēPēC,Pē. P₇P°PeC₇PēPjP°P»CH₇PSP° PrPsP±PsPIP°
PrPsP·P° C₇C,P°PSPsPIPēC,CH₇ 80 PjPi PSP° PrPsP±C₇.

PμP°C†C-C°PSC,Pē, C¶PeC- PiC₇PēPN₇PjP°C₇C,CH₇ PrC-C₇C₇PμC,PēPePē.

PJ PiP°C†C-C°PSC,C-PI, C¶PeC- P·P°P·PrP°P»PμPiC-PrC₇ PsPrPμC₇P¶C₇C,C₇
PrC-C₇C₇PμC,PēC†PSC₇ C,PμC₇P°PiC-C₇, PiC-C₇P»C¶ PiC₇PēPN₇PsPjC₇ PiPμC₇CēPsC—
PrPsP·Pē P»C-P·PēPSPsPiC₇PēP»C₇ PjPsP¶P»PēPIPμ PIPēPSPēPePSPμPSPSC¶
C₇PēPjPiC,PsPjP°C,PēC†PSPsC— P°C₇C,PμC₇C-P°P»CH₇PSPsC— PiC-PiPsC,PμPSP·C-C—.
P»C-PeC₇PIP°PSPSC¶ PrC-C₇C₇PμC,PēPeP°PjPē C₇P»C-Pr PiC₇PēPiPēPSPēC,Pē P·P° 2-3 PrPSC-
PrPs PiPsC†P°C,PeC₇ P»C-PeC₇PIP°PSPSC¶ PiC₇PμPiP°C₇P°C,PsPj. P₇PeC%₀₀Ps
PSPμPjPsP¶P»PēPIPs PiC₇PēPiPēPSPēC,Pē P»C-PeC₇PIP°PSPSC¶ PrC-C₇C₇PμC,PēPeP°PjPē,
P»C-P·PēPSPsPiC₇PēP» C₇P»C-Pr PiC₇PēP·PSP°C†P°C,Pē C₇ PiPsC†P°C,PePsPIC-PN₇ PrPsP·C- 5
PjPi PSP° PrPsP±C₇. P₇P»C-Pr PePsPSC,C₇PsP»C₇PIP°C,Pē C,,C₇PSPeC†C-C₇ PSPēC₇PsPe C-
C₇C-PIPμPSC₇ PeP°P»C-C₇ C₇ C₇PēC₇PsPIP°C,C†C- PeC₇PsPIC-. PμPsPrP°P»CH₇CēC₇
PrPsP·C₇ PSPμPsP±C...C-PrPSPs PiC-PrP±PēC₇P°C,Pē P·P°P»PμP¶PSPs PIC-Pr
P°C₇C,PμC₇C-P°P»CH₇PSPsPiPs C,PēC₇PeC₇. PJ C₇P°P·C- PSPμPsP±C...C-PrPSPsC₇C,C-,
P»C-PeC₇PIP°PSPSC¶ PrC-C₇C₇PμC,PēPeP°PjPē PjPsP¶PSP° PIC-PrPSPsPIPēC,Pē.

PμP°C†C-C°PSC,PēB P· PSPēC₇PePsPIPsC₇ PSPμPrPsC₇C,P°C,PSC-C₇C,C₇.

P°P»C¶ PiP°C†C-C°PSC,C-PI P· PSPēC₇PePsPIPsC₇ PSPμPrPsC₇C,P°C,PSC-C₇C,C₇ PrPsP·Pē
PIPēP·PSP°C†P°C₇C,CH₇ P·P°P»PμP¶PSPs PIC-Pr P·PSP°C†PμPSPSC¶ PeP»C-C₇PμPSC₇C₇
PeC₇PμP°C,PēPSC-PSC₇, C¶Pe C†Pμ PiPsPeP°P·P°PSPs C₇ C,P°P±P»PēC†C- 1.

P₇P°P±P»PēC†C¶ 1

PrP»C-C ₇ PμPSC ₇ PeC ₇ PμP°C,PēPSC-PSC ₇ (PjPi/C...PI)	PμPsC†P°C,PePsPIP° PrPsP·P° (PjPi/PrPsP±C ₇)
< 10 (PIPeP»C ₇ C†P°C ₇ C†Pē C...PIPsC ₇ PēC..., C¶PeC- PiPμC ₇ PμP±C ₇ PIP°C ₇ C,CH ₇ PSP° PiPμPjPsPrC-P°P»C-P·C-)	2,5*

PSPμPsP±C...C-PrPSPs PIC-PrPePsCḡPëPiCíPIP°C,Pë P·P°P»PμP¶PSPs PIC-Pr
PeP»C-CḡPμPSCÍCí PeCḡPμP°C,PëPSC-PSCí PiP°C†C-C"PSC,P° (PrPëPI. C,P°P±P»PëC†Cḡ 1).

PμP°C†C-C"PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCž.

PJ PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PμPSPSCÍC... PSPμ P±CíP»Pë PIPëCÍPIP»PμPSC-
PIC-PrPjC-PSPSPsCÍC,C- PμC,,PμPeC,PëPIPSPsCÍC,C- P°P±Ps P±PμP·PiPμPePë
PiCḡPμPiP°CḡP°C,Cí Cí P·PIbḡ™ CÍP·PeCí P· PIC-PePsPj. PμPsC‡P°C,PePsPIP° PrPsP·P°
P»C-P·PëPSPsPiCḡPëP»Cí, C%Ps PiCḡPëP·PSP°C‡P°C"C,CHCÍCÍ PsCÍPsP±P°Pj
P»C-C,PSCHbPsPiPs PIC-PeCí P·C- P·PSPëP¶PμPSPSCÍPj C,,CíPSPeC†C-C— PSPëCḡPsPe, PjP°C"
P±CíC,Pë PliPrPePsCḡPëPiPsPIP°PSP° P·PiC-PrPSPs P· C,P°P±P»PëC†PμCḡ 1. P—PiPsPrPsPj
PrPsP·CíPIP°PSPSCÍ PIPëP·PSP°C‡P°C"C,CHCÍCÍ P·P°P»PμP¶PSPs PIC-Pr CḡPμP°PeC†C-C—
C,P° P°CḡC,PμCḡC-P°P»CHbPSPsPiPs C,PëCÍPeCí.

PμP°C†C-C"PSC,Pë P· C,CḡP°PSCÍPiP»P°PSC,P°C†C-C"Cḡ PSPëCḡPsPe.B

PkPμPjP°C" PrPsCÍPIC-PrCí C%PsPrPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ PiCḡPμPiP°CḡP°C,Cí
PiP°C†C-C"PSC,P°Pj C-P· PSPμC%PsPrP°PIPSCHbPsCḡ C,CḡP°PSCÍPiP»P°PSC,P°C†C-C"Cḡ
PSPëCḡPsPe, C,PsPjCí PSPμ CḡPμPePsPjPμPSPrCíC"C,CHCÍCÍ P»C-PeCíPIP°PSPSCÍ
P»C-P·PëPSPsPiCḡPëP»PsPj C,P°PePëPj PiP°C†C-C"PSC,P°Pj.

P"C-C,Pë.

P'PμP·PiPμPeP° C,P° PμC,,PμPeC,PëPIPSC-CÍC,CH P·P°CÍC,PsCÍCíPIP°PSPSCÍ
P»C-P·PëPSPsPiCḡPëP»Cí PrC-C,CÍPj PSPμ PICÍC,P°PSPsPIP»PμPSC-, C,PsPjCí PSPμ CÍP»C-Pr
PiCḡPëP·PSP°C‡P°C,Pë PiCḡPμPiP°CḡP°C, C†C-PNë PIC-PePsPIC-PNë PeP°C,PμPiPsCḡC-C—
PiP°C†C-C"PSC,C-PI.

PμPμCḡPμPrPsP·CžPIP°PSPSCÍ.

*PŸPëPjPiC,PsPjPë: P°CḡC,PμCḡC-P°P»CHbPSP° PiC-PiPsC,PμPSP·C-CÍ,
C†PëCḡPeCíP»CÍC,PsCḡPSPëPNë CëPsPe, PμP»PμPeC,CḡPsP»C-C,PSC- PiPsCḡCíCëPμPSPSCÍ,
PSPëCḡPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH, PiC-PiPμCḡPIPμPSC,PëP»CÍC†C-CÍ,
C,P°C...C-PeP°CḡPrC-CÍ, PIC-PrC‡CíC,C,CÍ CÍPμCḡC†PμP±PëC,C,CÍ,
P±CḡP°PrPëPeP°CḡPrC-CÍ, P·P°PiP°PjPsCḡPsC‡PμPSPSCÍ, P·P°PSPμPiPsPePsC"PSPSCÍ C-
PeP°CëPμP»CH.*

*P>C-PeCžPIP°PSPSCÍ: PIPSCíC,CḡC-CëPSCHbPsPIPμPSPSPμ PIPiPμPrPμPSPSCÍ
CÍPsP»CHbPsPIPëC... CḡPsP·C‡PëPSC-PI. PμCḡPë P°CḡC,PμCḡC-P°P»CHbPSC-PNë
PiC-PiPsC,PμPSP·C-C— CÍP»C-Pr PiPsPeP»P°CÍC,Pë PiP°C†C-C"PSC,P° PSP° CÍPiPëPSCí P·
P»PμPrCH PiC-PrPSCÍC,PëPjPë PrPsPiPsCḡPë PSPsPiP°PjPë. PiPeC%Ps PjPsP¶P»PëPIPs,
PiCḡPëP·PSP°C‡P°CḡC,CH C-PSC,,CíP·C-Cḡ P°PSPiC-PsC,PμPSP·PëPSCí II C-/P°P±Ps
PIPSCíC,CḡC-CëPSCHbPsPIPμPSPSPs PIPiPsPrCÍC,CH PeP°C,PμC...PsP»P°PjC-PSPë. PiPeC%Ps
PiCḡPμPiP°CḡP°C, PiCḡPëPNëPSCÍC,PëPNë PSPμC%PsPrP°PIPSPs, PiPsPeP°P·P°PSPs
PiCḡPsPjPëPIP°PSPSCÍ CëP»CíPSPeP°, P·P°CÍC,PsCÍCíPIP°PSPSCÍ P°P±CÍPsCḡP±PμPSC,C-PI
C- PSP°C,CḡC-Cḡ CÍCíP»CHC,,P°C,Cí. P"P»CÍ P»C-PeCíPIP°PSPSCÍ CÍC,C-PNëPePsC—
P±CḡP°PrPëPeP°CḡPrC-C— PiPsPeP°P·P°PSPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ
PeP°CḡPrC-PsCÍC,PëPjCíP»CÍC,PsCḡP°.*

P PμPePsPjPμPSPPrCfC''C,CHCfCfC PīPsCfC,C-PNεPSPēPNε PePsPSC,CfPsP»CH
P»P°P±PsCfP°C,PsCfPSPēC... PīPsPeP°P·PSPēPeC-PI (PIPēP·PSP°C‡PμPSPSCfC CfC-PIPSfCfC
PμP»PμPeC,CfPsP»C-C,C-PI C- PeCfPμP°C,PēPSC-PSCr PI CfPēCfPsPIP°C,C†C- PeCfPsPIC-) C,P° P¶PēC,C,C''PIPēC... C,,CfPSPeC†C-PNε.

P>C-P·PēPSPsPīCfPēP» PjPsP¶Pμ P±CfC,Pē PIPēPrP°P»PμPSPēPNε P· PsCfPiP°PSC-P·PjCf P·P°
PrPsPīPsPjPsPiPsCf PīPμPjPsPrC-P°P»C-P·Cf, PīCfPē C†CHPsPjCf CfP»C-Pr CfPSPēPeP°C,Pē
PIPēPePsCfPēCfC,P°PSPSCfC PīPsP»C-P°PeCfPēP»PsPSC-C,CfPēP»CHPSPēC...
PjPμC,P°P»PsCfCfP»CHC,,PsPSP°C,PSPēC... PIPēCfPsPePsPīP»PēPSPSPēC... PjPμPjP±CfP°PS
(PSP°PīCfPēPeP»P°Pr AN69).

PJ PIPēPīP°PrPeCf P°PSPiC-PsPSPμPICfPsC,PēC‡PSPsPiPs PSP°P±CfCfPeCf
PīCfPēP·PSP°C‡P°CfC,CH P°PSC,PēPiC-CfC,P°PjC-PSPSC- PīCfPμPīP°CfP°C,Pē. PīPeC%Ps
PeP»C-PSC-C‡PSP° CfPēC,CfP°C†C-CfC CfCfPīCfPsPiPsPrP¶CfC''C,CHCfCfCfC
PSP°P±CfCfPePsPj CfCfP·PēPeP°, PiPsP»PsCfPsPiPsC— C%C-P»PēPSPē, PiPsCfC,P°PSC-,
PSPμPsP±C...C-PrPSPs PI CfCfPiPμPSC,PSPsPjCf PīPsCfCfCfPrPeCf CfPsP·PīPsC‡P°C,Pē
P»C-PeCfPIP°PSPSCfC CēP»CfC...PsPj C,CfP°PSCfPrPμCfPjP°P»CHPSPsPiPs
PIPIPμPrPμPSPSCfC 0,3-0,5 PjP» CfPsP·C‡PēPSCr P°PrCfPμPSP°P»C-PSCr (1:1000), PrP»CfC
P·P°P±PμP·PīPμC‡PμPSPSCfC PīCfPsC...C-PrPSPsCfC,C- PrPēC...P°P»CHPSPēC...
CēP»CfC...C-PI PīPsPeP°P·P°PSC- C-PSC,CfP±P°C†C-CfC P°P±Ps P»P°CfPēPSPiPsC,PsPjC-CfC.

PμPsP±C-C‡PSC- CfPμP°PeC†C-C—.

P— P±PsPeCžB CfPēCfC,PμPjPē PeCfPsPIC-: P·PSPēP¶PμPSPSCfC CfC-PIPSfCfC
PīPμPjPsPiP»PsP±C-PSCr C- PīPμPjP°C,PsPeCfPēC,Cf, PīCfPēPiPSC-C‡PμPSPSCfC
PrC-CfC»CHPSPsCfC,C- PeC-CfC,PePsPiPsPiPs PjPsP·PeCf, P°PSPμPjC-CfC,
C,CfPsPjP±PsC†PēC,PsPīPμPSC-CfC, P»PμPNεPePsPīPμPSC-CfC, PSPμPNεC,CfPsPīPμPSC-CfC,
P°PīCfP°PSCrP»PsC†PēC,PsP·, PīPμPjPsP»C-C,PēC‡PSP° P°PSPμPjC-CfC,
P»C-PjC,,P°PrPμPSPsPīP°C,C-CfC, P°CfC,PsC-PjCfPSPSPμ P·P°C...PIPsCfCfPIP°PSPSCfC.

P— P±PsPeCž PsP±PjC-PSCž CfPμC‡PsPIPēPS: PiC-PīPsPiP»C-PePμPjC-CfC.

P— P±PsPeCž C†PμPSC,CfP°P»CHPSPsC— PSPμCfPIPSPiPsC— CfPēCfC,PμPjPē C,P°
PīCfPēC...C-C‡PSC- CfPsP·P»P°PrPē: P·P°PīP°PjPsCfPsC‡PμPSPSCfC, PiPsP»PsPiPSPēPNε
P±C-P»CH, P·PjC-PSP°B PSP°CfC,CfPsCf, PīP°CfPμCfC,PμP·C-C—, PIPμCfC,PēPiPs,
PīPsCfCfCēPμPSPSCfC CfPjP°PeCf, PīPsCfCfCēPμPSPSCfC CfPSCr, PīPsCfCfCēPμPSPSCfC
CfC-PIPSfCfPīPē, PrPμP·PsCfC-C''PSC,P°C†C-CfC, CfPīP»CfC,P°PSC-CfC,CH
CfPIC-PrPsPjPsCfC,C-, PīPsCfCfCēPμPSPSCfC PSCfC...Cf, CfPēPjPīC,PsPjPē
PrPμPīCfPμCfC-C—, PSPμPīCfPēC,PsPjPSC-CfC,CH,B CfCfP±Bf™C''PeC,PēPIPSPμ
PIC-PrC‡CfC,C,CfC CēCfPjCfC Cf PICfC...P°C... C,P° P·PSPēP¶PμPSPSCfC PiPsCfC,CfPsC,Pē
P·PsCfCfC.

P— P±PsPeCž CfPμCfC†PμPiPs-CfCžPrPēPSPSPsC— CfPēCfC,PμPjPē:
P°CfC,PμCfC-P°P»CHPSP° PiC-PīPsC,PμPSP·C-CfC (PsCfPsP±P»PēPiPs PiC-CfP»CfC
PīCfPēPNεPsPjCf PīPμCfCēPsC— PrPsP·Pē PīCfPμPīP°CfP°C,Cf PīP°C†C-C''PSC,P°PjPē P·
PrPμC,,C-C†PēC,PsPj PSP°C,CfC-Cf, PrPμPiC-PrCfP°C,P°C†C-C''Cf, CfPμCfC†PμPiPsCf
PSPμPrPsCfC,P°C,PSC-CfC,Cf); PsCfC,PsCfC,P°C,PēC‡PSC- PμC,,PμPeC,Pē
(PIPēP»CfC‡P°CfC‡Pē P°CfC,PμCfC-P°P»CHPSCr PiC-PīPsC,PμPSP·C-CfC); C-PSC,,P°CfPeC,
PjC-PsPeP°CfPrP° C,P° C-PSCfCfP»CHC, (CfPe PjPsP¶P»PēPIC- PIC,PsCfPēPSPSC-
CfPIPēC%P° PīCfPē PSP°PrPjC-CfPSC-PNε PiC-PīPsC,PμPSP·C-C— CfPμCfPμPr

PIP°C†C-C" PSC,C-PI PiCḡC†PḡPḡ CḡPḡP·PḡPḡC†); PIC-PrC†C†C,C,Cḡ
PiCḡPḡC†PḡPsCḡPḡPSPsPiPs C†PḡCḡC†PḡP±PḡC,C,Cḡ, C,P°C...C-PḡP°CḡPrC-Cḡ,
C†PḡPSPPrCḡPsPj P PḡPNḡPSPs, C†PḡPSPḡPsPiPḡ. PḡCḡPḡ P·P°C†C,PSC†C†PIP°PSPSC-
P»C-P·PḡPSPsPiCḡPḡP»C† C† PḡP°C†C-C" PSC,C-PI C-P· PiPsC†C,CḡPḡPj C-PSC,,P°CḡPḡC,PSPj
PjC-PsPḡP°CḡPrP° PjPsPḡP»PḡPIC-, PsC†PsP±P»PḡPIPs C† PiPḡCḡCḡC- 24 PiPsPrPḡPSPḡ,
P°C,CḡC-PsPIPḡPSC,CḡPḡPḡC†P»CḡCḡPSP° P±P»PsPḡP°PrP° P†P†ḡḡ" P†P†P† C†C,C†PiPḡPSC-PI,
C,CḡPḡPḡP° P°CḡC,PḡCḡC-P°P»CḡPSP° PiC-PiPsC,PḡPSP·C-Cḡ C,P°/P°P±Ps
PiPsCḡC†CḡPḡPSPSCḡ C,,C†PSPḡC†C-C— PSPḡCḡPsPḡ, C† PiPsPsPrPḡPSPsPḡPḡC...
PIPḡPiP°PrPḡP°C... ḡḡ" PḡP°CḡPrC-PsPiPḡPSPSPḡPNḡ CḡPsPḡ.

P— P±PsPḡCḡ PḡC-C†C,PḡPsPIPs-Pjḡḡ™ CḡP·PsPIPsC— C†PḡC†C,PḡPjPḡ: P±C†P»Pḡ
P·P°CḡPḡC" C†C,CḡPsPIP°PSC- Pjḡḡ™ CḡP·PsPIC- C†PiP°P·PjPḡ.

P— P±PsPḡCḡ PrPḡC...P°P»CḡPSPsC— C†PḡC†C,PḡPjPḡ:B PḡP°CḡPḡP»Cḡ, P±CḡPsPSC...C-C,,
CḡPḡPSC-C,, P·P°PrPḡCḡPḡP°, PrPḡC†PiPSPsPḡ, P°PSPiC-PsPSPḡPICḡPsC,PḡC†PSPḡPNḡ
PSP°P±CḡCḡPḡ, P±CḡPsPSC...PsC†PiP°P·Pj, PiP»PsC†PḡC,, C†PḡPSC†C†PḡC,,
P°P»PḡCḡPiC-C†PSPḡPNḡ P°P»CḡPiPḡPsP»PḡC,/PḡPsP·PḡPSPsC,,C-P»CḡPSP°
PiPSPḡPiPjPsPSC-Cḡ. P·C†P»Pḡ P·P°CḡPḡC" C†C,CḡPsPIP°PSC- C-PSC,,PḡPḡC†C-C—
PIPḡCḡC...PSC-C... PrPḡC...P°P»CḡPSPḡC... CḡP»CḡC...C-PI.

P— P±PsPḡCḡ C,CḡP°PIPSPsPiPs C,CḡP°PḡC,Cḡ: PrC-P°CḡPḡCḡ, P±P»CḡPiP°PSPSCḡ,
PSC†PrPsC,P°, P±C-P»Cḡ C† PḡPḡPIPsC,C-, PrPḡC†PiPḡPiC†C-Cḡ, C†C†C...C-C†C,Cḡ C†
CḡPsC,C-, P·PjPḡPSCḡPḡPSPSCḡ P°PiPḡC,PḡC,C†, P·PjC-PSP° C†PjP°PḡC†,
PiP°PSPḡCḡPḡP°C,PḡC,, C-PSC,PḡC†C,PḡPSP°P»CḡPSPḡPNḡ
P°PSPiC-PsPSPḡPICḡPsC,PḡC†PSPḡPNḡ PSP°P±CḡCḡPḡ PḡPḡCḡPḡC†PSPḡPḡC†, P·P°PiPsCḡ,
PiPḡPiP°C,PḡC, (PiPḡPiP°C,PSC†PḡP»CḡP»CḡCḡPSPḡPNḡ P°P±Ps
C...PsP»PḡC†C,P°C,PḡC†PSPḡPNḡ), PḡPsPIC,CḡPSPḡC†Cḡ C- PiPḡC†C-PSPḡPsPIP°
PSPḡPrPsC†C,P°C,PSC-C†C,Cḡ.

P— P±PsPḡCḡ CḡPḡC-CḡPḡ: PIPḡC†PḡPiPḡ, C†PIPḡCḡP±C-Pḡ;
PiC-PiPḡCḡC†C†C,P»PḡPIC-C†C,Cḡ, PIPḡP»CḡC†P°CḡC†Pḡ
P°PSPiC-PsPSPḡPICḡPsC,PḡC†PSPḡPNḡ PSP°P±CḡCḡPḡ PsP±P»PḡC†C†Cḡ, PḡC-PSC†C-PIPsPḡ,
PiC†P±, CḡP·PḡPḡP°, PiPsP»PsC†PsPIPsC— C%oC-P»PḡPSPḡ C,P°/P°P±Ps PiP»PsC,PḡPḡ;
PIC-PrC†C†C,C,Cḡ PḡP°CḡC†, PiC-PiPḡCḡPḡPjC-Cḡ CḡPḡC-CḡPḡ, PḡCḡPsPiPḡPiḡḡ™ CḡPSPḡP°,
P°P»PsPiPḡC†C-Cḡ, PiC†PsCḡC-P°P·, PiC-PrPIPḡC%oPḡPSPḡ PiPsC,PsPIPḡPrC-P»PḡPSPSCḡ,
PiPḡPjC,,C-PiC†C†, C,PSPḡC†PḡC†PSPḡPNḡ PḡPiC-PrPḡCḡPjP°P»CḡPSPḡPNḡ PSPḡPḡCḡPsP»C-P·,
C†PḡPSPPrCḡPsPj PḡC,C-PIPḡPSC†P°-P"PḡPsPSC†PsPSP°, PiPsP»C-PjPsCḡC,,PSP°
PḡCḡPḡC,PḡPjP°, P»C-PjC,,PsC†PḡC,PSPjP° CḡPḡC-CḡPḡ.

PḡPsPIC-PrPsPjP»CḡP»PsC†Cḡ PiCḡPs C†PḡPSPPrCḡPsPj, C%oPs PIPḡP»CḡC†P°C" PsPrPḡPS
P°P±Ps PḡC-P»CḡPḡP° C†PḡPjPiC,PSPjC-PI: PiP°CḡCḡC†PḡP°, PIP°C†PḡC†P»C-C,,
PjC-P°P»PiC-Cḡ, P°CḡC,CḡP°P»PiC-Cḡ/P°CḡC,CḡPḡC,, PiPsCḡPIP° PiPsP·PḡC,PḡPIPSPḡC...
P°PSC,PḡPSC†PḡP»PḡP°CḡPSPḡC... P°PSC,PḡC,C-P», PiCḡPḡC†PḡPsCḡPḡPSPSCḡ
CḡPIPḡPrPḡPsC†C,C- PsC†C-PrP°PSPSCḡ PḡCḡPḡC,CḡPsC†PḡC,C-PI, PḡPsP·PḡPSPsC,,C-P»C-Cḡ
C- P»PḡPNḡPḡPsC†PḡC,PSP·, PIPḡC†PḡPiP°PSPSCḡ, C,,PsC,PSC†PḡPSC†PḡP±C-P»C-P·P°C†C-Cḡ
P°P±Ps C-PSCḡC- CḡPḡC-CḡPSC- PiCḡPsCḡPIPḡ, PiC-PrPIPḡC%oPḡPSPSCḡ
C,PḡPjPiPḡCḡP°C,C†CḡPḡ C,C-P»P°.

P— P±PsPḡCḡ C†PḡC†PsPIPḡPrC-P»CḡPSPsC— C†PḡC†C,PḡPjPḡ: PSPḡCḡPḡPsPIP°
PrPḡC†C,,C†PSPḡC†C-Cḡ, C†CḡPḡPjC-Cḡ, PiPsC†C,CḡP° PSPḡCḡPḡPsPIP°
PSPḡPrPsC†C,P°C,PSC-C†C,Cḡ, PsP»C-PiC†CḡC-Cḡ/P°PSC†CḡC-Cḡ.

$P - P \pm PsPeC \acute{z} P_{\mu}PSPPrPsPeC\tilde{H}P\ddot{e}PSPSPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$: $PSP_{\mu}P^{\circ}PrP_{\mu}PePIP^{\circ}C, PSP^{\circ}C\acute{I}P_{\mu}PeC\tilde{H}P_{\mu}C\ddagger C - C\ddot{I} P^{\circ}PSC, P\ddot{e}PrC - C\acute{r}C\tilde{H}P_{\mu}C, P\ddot{e}C\ddagger PSPsPiPs PiPsC\tilde{H}PjPsPSC\acute{r}$.

$P - P \pm PsPeC \acute{z} C\tilde{H}P_{\mu}P\ddot{e}C\tilde{H}PsPrC \acute{z} PeC, P\ddot{e}PIPSPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$: $C - PjPiPsC, P_{\mu}PSC\ddagger C - C\ddot{I}, PiC - PSP_{\mu}PePsPjP^{\circ}C\acute{I}C, C - C\ddot{I}$.

$P - P^{\circ}PiP^{\circ}P \gg CH\dot{P}SC - PiPsC\tilde{H}C \acute{z} C\epsilon P_{\mu}PSPSC\ddot{I}$: $PiC - PrPIP\ddot{e}C\%P_{\mu}PSP^{\circ}PIC, PsPjP \gg C\tilde{H}PIP^{\circ}PSC - C\acute{I}C, CH, C\acute{I}P \gg P^{\circ}P \pm PeC - C\acute{I}C, CH$.

$P \gg P^{\circ}P \pm PsC\tilde{H}P^{\circ}C, PsC\tilde{H}PSC - PiPsPeP^{\circ}P \cdot PSP\ddot{e}PeP\ddot{e}$: $PiC - PrPIP\ddot{e}C\%P_{\mu}PSPSC\ddot{I} C\tilde{H}C - PIPSC\ddot{I} C\acute{I}P_{\mu}C\ddagger PsPIP\ddot{e}PSP\ddot{e} C\acute{r} PeC\tilde{H}PsPIC -, PeC\tilde{H}P_{\mu}P^{\circ}C, P\ddot{e}PSC - PSC\acute{r} C\acute{r} C\acute{I}P\ddot{e}C\tilde{H}PsPIP^{\circ}C, C\ddagger C - PeC\tilde{H}PsPIC -, PiP_{\mu}C\ddagger C - PSPePsPIP\ddot{e}C... C, P_{\mu}C\tilde{H}PjP_{\mu}PSC, C - PI, PiC - PiP_{\mu}C\tilde{H}PeP^{\circ}P \gg C - C''PjC - C\ddot{I}, PiC - PrPIP\ddot{e}C\%P_{\mu}PSPSC\ddot{I} C\tilde{H}C - PIPSC\ddot{I} P \pm C - P \gg C - C\tilde{H}C\acute{r}P \pm C - PSC\acute{r} C\acute{r} C\acute{I}P\ddot{e}C\tilde{H}PsPIP^{\circ}C, C\ddagger C - PeC\tilde{H}PsPIC -, PiC - PiPsPSP^{\circ}C, C\tilde{H}C - C''PjC - C\ddot{I}, PiC\tilde{H}PsC, P_{\mu}C - PSC\acute{r}C\tilde{H}C - C\ddot{I}$.

$P_{\mu}PsPIC - PrPsPjP \gg P_{\mu}PSPSC\ddot{I} PiC\tilde{H}Ps PiC - PrPsP \cdot C\tilde{H}C\tilde{H}PIP^{\circ}PSC - PiPsP \pm C - C\ddagger PSC - C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C - C -$

$P_{\mu}PsPIC - PrPsPjP \gg P_{\mu}PSPSC\ddot{I} PiC\tilde{H}Ps PiC - PrPsP \cdot C\tilde{H}C\tilde{H}PIP^{\circ}PSC - PiPsP \pm C - C\ddagger PSC - C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C - C - PiC - C\acute{I}P \gg C\ddot{I} C\tilde{H}P_{\mu}C''C\acute{I}C, C\tilde{H}P^{\circ}C\ddagger C - C - P \gg C - PeP^{\circ}C\tilde{H}C\acute{I}CH\dot{P}ePsPiPs P \cdot P^{\circ}C\acute{I}PsP \pm C\acute{r} C'' PIP^{\circ}P\|P \gg P\ddot{e}PIP\ddot{e}Pj. P\|P_{\mu} PrPsP \cdot PIPsP \gg C\ddot{I}C'' PiC\tilde{H}PsPIPPrP\ddot{e}C, P\ddot{e} P \pm P_{\mu}P \cdot PiP_{\mu}C\tilde{H}P_{\mu}C\tilde{H}PIPSP\ddot{e}P_{\mu} PjPsPSC - C, PsC\tilde{H}P\ddot{e}PSPi C\acute{I}PiC - PIPIC - PrPSPsC\epsilon P_{\mu}PSPSC\ddot{I} PePsC\tilde{H}P\ddot{e}C\acute{I}C, CH/C\tilde{H}P\ddot{e}P \cdot P\ddot{e}Pe C\%PsPrPs P \gg C - PeP^{\circ}C\tilde{H}C\acute{I}CH\dot{P}ePsPiPs P \cdot P^{\circ}C\acute{I}PsP \pm C\acute{r}. P_{\mu}C\tilde{H}P^{\circ}C\ddagger C - PIPSP\ddot{e}PeP\ddot{e} C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e} Ps...PsC\tilde{H}PsPSP\ddot{e} P \cdot PrPsC\tilde{H}PsPI\dot{B}\tilde{H}^{\text{TM}} C\ddot{I} PiPsPIP\ddot{e}PSPSC - PiPsPIC - PrPsPjP \gg C\ddot{I}C, P\ddot{e} PiC\tilde{H}Ps P \pm C\acute{r}PrCH\dot{B} - C\ddot{I}PeC - PiC - PrPsP \cdot C\tilde{H}C\tilde{H}PIP^{\circ}PSC - PiPsP \pm C - C\ddagger PSC - C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C - C - P \cdot P^{\circ} PrPsPiPsPjPsPiPsC\tilde{H} PSP^{\circ}C\ddagger C - PsPSP^{\circ}P \gg CH\dot{P}SPsC - C\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e} P \cdot PIC - C, C\acute{r}PIP^{\circ}PSPSC\ddot{I}$.

$P\check{y}P_{\mu}C\tilde{H}PjC - PS PiC\tilde{H}P\ddot{e}PrP^{\circ}C, PSPsC\acute{I}C, C - .$ 3 $C\tilde{H}PsPeP\ddot{e}$.

$PjPjPsPIP\ddot{e} P \cdot P \pm P_{\mu}C\tilde{H}C - PiP^{\circ}PSPSC\ddot{I}$.

$P - P \pm P_{\mu}C\tilde{H}C - PiP^{\circ}C, P\ddot{e} PI PsC\tilde{H}P\ddot{e}PiC - PSP^{\circ}P \gg CH\dot{P}SC - P_{\mu} C\acute{r}PiP^{\circ}PePsPIC\ddagger C - PiC\tilde{H}P\ddot{e} C, P_{\mu}PjPiP_{\mu}C\tilde{H}P^{\circ}C, C\acute{r}C\tilde{H}C - PSP_{\mu} PIP\ddot{e}C\%P_{\mu} 25 B^{\circ}P\check{y}.B$

$P - P \pm P_{\mu}C\tilde{H}C - PiP^{\circ}C, P\ddot{e} PI PSP_{\mu}PrPsC\acute{I}C, C\acute{r}PiPSPsPjC\acute{r} PrP \gg C\ddot{I} PrC - C, P_{\mu}P_{\mu} PjC - C\acute{I}C\ddagger C - .$

$PjPiP^{\circ}PePsPIP\ddot{e}P^{\circ}$.

$P_{\mu}Ps 10 C, P^{\circ}P \pm P \gg P_{\mu}C, PsPe C\acute{r} P \pm P \gg C - C\acute{I}C, P_{\mu}C\tilde{H}C - ; PiPs 3 P^{\circ}P \pm Ps PiPs 6 P \pm P \gg C - C\acute{I}C, P_{\mu}C\tilde{H}C - PI C\acute{r} PePsC\tilde{H}PsP \pm C\ddagger C - .$

$P_{\mu}P^{\circ}C, P_{\mu}PiPsC\tilde{H}C - C\ddot{I} PIC - PrPiC\acute{r}C\acute{I}PeC\acute{r}$. $P - P^{\circ} C\tilde{H}P_{\mu}C\ddagger P_{\mu}PiC, PsPj$.

Р'РёСЃРѕР±РѕРё.

РŷРћР' В«РћРŷРŷР РћРѡРћР РёВ».

**РёС-СЃ†РµР·РѕР...РѕРґР¶РµРѕРѕРѕРѕ РІРёСЃРѕР±РёР° С,Р° Р°РґСЃРµСЃР°
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